ORDER NO. BSD0304M606
D25

Service Manual

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Sec. 2	Mechanical Adjustment
Sec. 3	Electrical Adjustment
Sec. 4	Block Diagrams
Sec. 5	Schematic Diagrams
Sec. 6	Circuit Board Diagrams
Sec. 7	Exploded Views & Replacement Parts List

DVCPRO 50

Camera/VTR

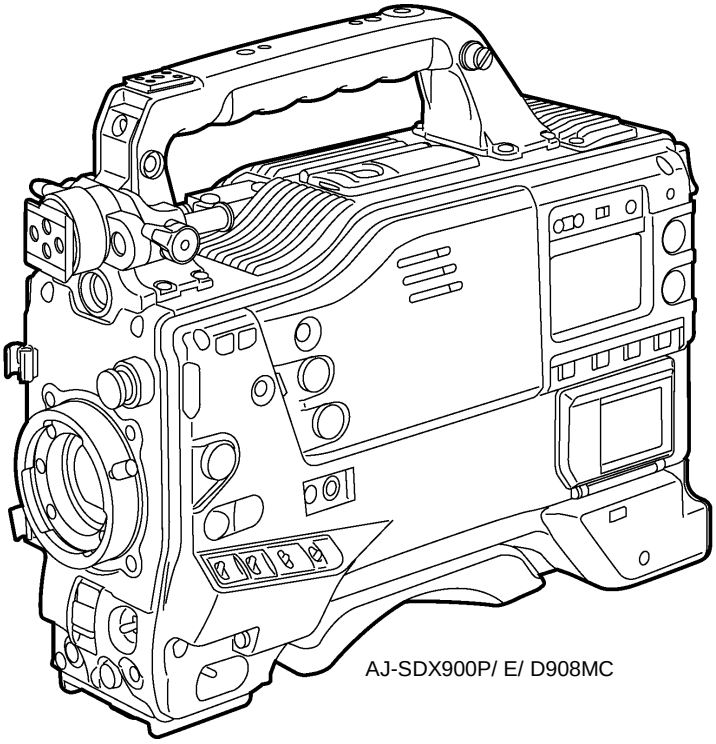
AJ-SDX900P
AJ-SDX900E
AJ-D908MC

SDI Output Board

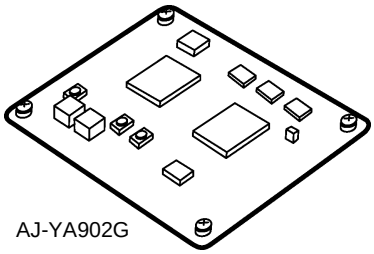
AJ-YA902G

Pre-recording Board

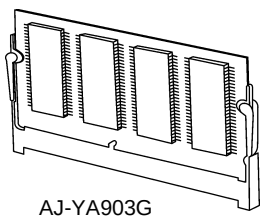
AJ-YA903G



AJ-SDX900P/ E/ D908MC



AJ-YA902G



AJ-YA903G

Panasonic

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

AJ-SDX900P

Specifications

[GENERAL]

Power supply:	DC 12 V (11.0 - 17.0 V)
Power consumption:	24 W

▭ indicates safety information.

Ambient operating temperature:
32 F° to 104 F° (0 C° to +40 C°)
Storage temperature:
–4 F° to 140 F° (–20 C° to +60 C°)
Ambient operating humidity:
Within 10% to 85% (relative humidity)
Continuous operation time:
Approx. 120 min. (using the Hytron50 made by Anton Bauer)
Dimensions (W × H × D):
5 × 8 (excluding handle) × 12-5/16 inch
(129 × 204 × 313 mm)
Weight:
8.6 lbs (3.9 kg)
(main unit only, excluding VF mounting section)

[CAMERA UNIT]

Pickup devices:
2/3-inch CCD × 3
CC/ND filter:

CC	A:	CROSS
	B:	3200 K
	C:	4300 K
	D:	6300 K
ND	1:	CLEAR
	2:	1/4ND
	3:	1/16ND
	4:	1/64ND

Quantizing:
12 bits/18 MHz
Digital signal processing:
36 MHz
Horizontal drive frequency:
18 MHz
Programmable gain values:
Any 3 positions (L, M, H) can be set from among –3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27 and 30 dB
S.GAIN function:
30, 36, 42 or 48 dB selectable
DS.GAIN function:
+6, +12 or +20 dB gain increase selectable
Shutter speeds:
1/100, 1/120, 1/250, 1/500, 1/1000 and 1/2000
Synchro scan shutter:
1/60.3 to 1/249.7
Lens mount:
2/3-inch Bayonet type
Optical system:
F1.4 prism system
Sensitivity:
F13 (2000 lux, 89.9% reflection)
Minimum subject brightness:
0.01 lux (at F1.4, 48 dB + gain increase of 20 dB)
Video signal-to-noise ratio:
65 dB (typical)
Horizontal resolution:
750 lines (center, typical)
Vertical resolution:
400 or 450 lines (SUPER V mode)
Registration:
Less than 0.05% (entire area, excluding lens distortion)
Geometric distortion:
Negligible (excluding lens distortion)

[VTR UNIT]

Video System

Analog component output
Band:
Y: 30 Hz to 5.75 MHz +1.0/–3.0 dB
PB/PR: 30 Hz to 2.75 MHz +1.0/–3.0 dB
Signal-to-noise ratio:
55 dB

Audio System

Sampling frequency:
48 kHz (synchronized with video)
Quantizing:
16 bits
Frequency response:
20 Hz to 20 kHz ±1.0 dB (reference level)
Dynamic range:
Better than 85 dB (at 1 kHz, AWTD)
Distortion:
Less than 0.1% (at 1 kHz, reference level)
Wow and flutter:
Below measurable limits
Head room:
20 dB

Specifications

Tape Transport System

Tape speed:
67.640 mm/sec
Recording time:
33 minutes (when AJ-5P33MP is used)
Fast forwarding time:
Approx. 1 min. 30 sec. (when AJ-5P33MP is used)
Rewinding time:
Approx. 1 min. 30 sec. (when AJ-5P33MP is used)

[CONNECTOR SECTION]

Audio Input Connectors

AUDIO IN CH1/CH2 (XLR × 2, 3 pins):
LINE/MIC/MIC + 48 V switching type
LINE: 0 dB (0 or +4 dBu, selected on menu)
MIC: –60 or –50 dBu, selected on menu
MIC + 48 V: Phantom power supply + 48 V supported, –60 or –50 dBu, selected on menu
MIC IN (XLR, 3 pins):
Phantom + 48 V: ON or OFF, 3 kΩ, balanced, selected on menu –50 or –40 dBu, selected on menu
WIRELESS IN (25 pins):
D-SUB, –40 dBu

Audio Output Connectors

AUDIO OUT CH1/CH2 (XLR, 5 pins):
+4 dBu (0 or +4 dBu, selected on menu, balanced low impedance)
Earphone (stereo mini jacks × 2)

Video Input Connector

GEN LOCK IN (BNC):
1.0 Vp-p, 75 Ω

Video Output Connector

MON OUT (BNC):
1.0 Vp-p, 75 Ω
VIDEO OUT (BNC):
1.0 Vp-p, 75 Ω

Time Code Input Connector

TC IN (BNC):
0.5 to 8 Vp-p, high impedance

Time Code Output Connector

TC OUT (BNC):
2.0 Vp-p, low impedance

Other Connectors

DC IN (XLR, 4 pins, male):
DC 12 V (DC 11 to 17 V)
DC OUT (4 pins):
DC 12 V (DC 11 to 17 V), max. 1 A
PHONE OUT (stereo mini jacks × 2)
LENS (multi 12 pins)
EVF (multi 20 pins)
GPS (6 pins, connector used for AJ-GPS900G)
ECU (6 pins, connector used for AJ-EC3P)

[ACCESSORIES]

Shoulder strap
Slider for viewfinder
Screws (M3 × 10 mm) (XSB3 + 10VZ) × 2
Control knob
Screw (M2 × 6 mm) (XYNZ + J6FZ) × 1

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Ambient operating temperature:
0 to +40 degrees Celsius
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36 MHz
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Any 3 positions (L, M, H) can be set from among –3, 0, 3, 6, 9, 12, 15, 18, 21, 24, 27 and 30 dB
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30, 36, 42 or 48 dB selectable
DS.GAIN function:
+6, +12 or +20 dB gain increase selectable
Shutter speeds:
1/60, 1/120, 1/250, 1/500, 1/1000 and 1/2000
Synchro scan shutter:
1/50.4 to 1/248.0
Lens mount:
2/3-inch Bayonet type
Optical system:
F/1.4 prism system
Sensitivity:
f/13 (2000 lux, 89.9% reflection)
Minimum subject brightness:
0.01 lux (at f/1.4, 48 dB + gain increase of 20 dB)
Video signal-to-noise ratio:
63 dB (typical)
Horizontal resolution:
750 lines (centre, typical)
Vertical resolution:
450 or 500 lines (SUPER V mode)
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DC 12 V (DC 11 to 17 V), max. 1 A
PHONE OUT (stereo mini jacks × 2)
LENS (multi 12 pins)
EVF (multi 20 pins)
GPS (6 pins, connector used for AJ-GPS900G)
ECU (6 pins, connector used for AJ-EC3E)

[ACCESSORIES]

Shoulder strap
Viewfinder mounting slider
Slider mounting screws × 2
FRONT AUDIO LEVEL control knob
Control knob mounting screw × 1

SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts, which have been over-heated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. The resistance value must be more than 5MΩ.

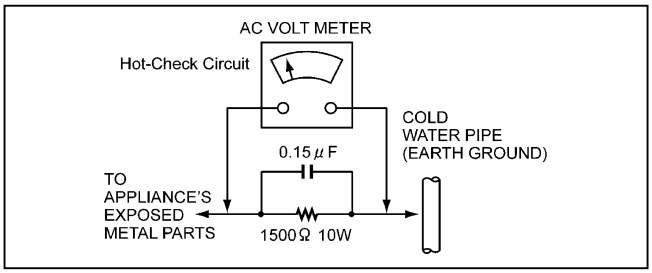


Figure1

LEAKAGE CURRENT HOT CHECK (See Figure 1)

1. Plug the AC cord directly into the AC outlet.
   Do not use an isolation transformer for this check.
2. Connect a 1.5KΩ, 10W resistor, in parallel with a 0.15μ F capacitor, between each exposed metallic part on the set an a good earth ground such as a water pipe, as shown in Figure1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
6. The potential at any point should not exceed 0.15 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 0.1 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

ABOUT LEAD FREE SOLDER (PbF)

Distinction of Pbf PCB:
PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.
Caution:
1. Pb free solder has a higher melting point than standard solder; Typically the melting point is 50–70˚F (30-40˚C) higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 700±20˚F (370±10˚C).
2. Pb free solder will tend to splash when heated too high (about 1100˚F/600˚C).

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically sensitive (ED) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor “chip” components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.
1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
   Alternatively, obtain and wear a commercially available discharging wrist trap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device classified as “anti-static” can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it.
   (most replacement ES devices are package with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
   CAUTION: Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

X-RADIATION

WARNING
1. The potential source of X-radiation in EVF sets is the High Voltage section and the picture tube.
2. When using a picture tube test jig for service, ensure that jig is capable of handling 10kV without causing X-Radiation.

Note: It is important to use an accurate periodically calibrated high voltage meter.

3. Measure the High Voltage. The meter (electric type) reading should indicate 2.5kV, ±0.15kV. If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure. To prevent an X-Radiation possibility, it is essential to use the specified picture tube.

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (service) instructions in the literature accompanying the appliance.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, KEEP THIS EQUIPMENT AWAY FROM ALL LIQUIDS-USE AND STORE ONLY IN LOCATIONS WHICH ARE NOT EXPOSED TO THE RISK OF DRIPPING OR SPLASHING LIQUIDS, AND DO NOT PLACE ANY LIQUID CONTAINERS ON TOP OF THE EQUIPMENT.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.

FCC Note:
This device complies with Part 15 of the FCC Rules. To assure continued compliance follow the attached installation instructions and do not make any unauthorized modifications.

This equipment has been tested and found to comply with the limits for a class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Replace battery with part No. CR2032 only.
Use of another battery may present a risk of fire or explosion.
Caution—Battery may explode if mistreated.
Do not recharge, disassemble or dispose of in fire.



ATTENTION:
The product you have purchased is powered by a nickel cadmium battery which is recyclable. At the end of it’s useful life, under various state and local laws, it is illegal to dispose of this battery into your municipal waste stream.
Please call 1-800-8-BATTERY for information on how to recycle this battery.

CAUTION:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL INTERFACE BOARD TO QUALIFIED SERVICE PERSONNEL.

indicates safety information.

■ **DO NOT REMOVE PANEL COVER BY UNSCREWING.**
To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside.
Refer servicing to qualified service personnel.

WARNING:
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

CAUTION:
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD AND ANNOYING INTERFERENCE, USE THE RECOMMENDED ACCESSORIES ONLY.

CAUTION:
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER CHANGE OF SWITCH SETTING INSIDE THE UNIT TO QUALIFIED SERVICE PERSONNEL.

CAUTION:
TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, REFER MOUNTING OF THE OPTIONAL INTERFACE BOARD TO AUTHORIZED SERVICE PERSONNEL.

Lithium Battery

Warning
The lithium battery in this equipment must only be replaced by qualified personnel. When necessary, contact your local Panasonic supplier.

"The lithium battery is a critical component (type number CR2032 or BR2032 manufactured by Panasonic.)

It must never be subjected to excessive heat or discharge. It must therefore only be fitted in equipment designed specifically for its use.

Replacement batteries must be of the same type and manufacturer. They must be fitted in the same manner and location as the original battery, with the correct polarity connections observed.

Do not attempt to re-charge the old battery or re-use it for any other purpose. It should be disposed of in waste products destined for burial rather than incineration."

CAUTION
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the equipment manufacturer. Discard used batteries according to manufacturer's instructions.

VARNING
Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

ADVARSEL!
Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

VAROITUS
Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyypiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

▭ indicates safety information.

Panasonic

FCD0307NTNK96E440E441

SECTION 2

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1. Mechanical Adjustment Procedures

1-1. Post Height Pre-adjustment

MODE	EJECT (POWER OFF)
TOOL	VFK1149B (Post Driver) VFK1151A (2.5mm Nut Driver) VFK1154 (Post Height Fixture) VFK1586 (Mech. Neutral Plate)

1. Confirm that the post is in loading completion condition.
2. Confirm that the Reel Table is located at M-Cassette position. Turn off the power, remove the cassette-up unit and install the Mech. Neutral Plate.
3. Put the Post Height Fixture on the Mech. Neutral Plate and adjust each post height to lower limit as following figure.
4. Please refer to following table to see Post Driver to be used to adjust each post.

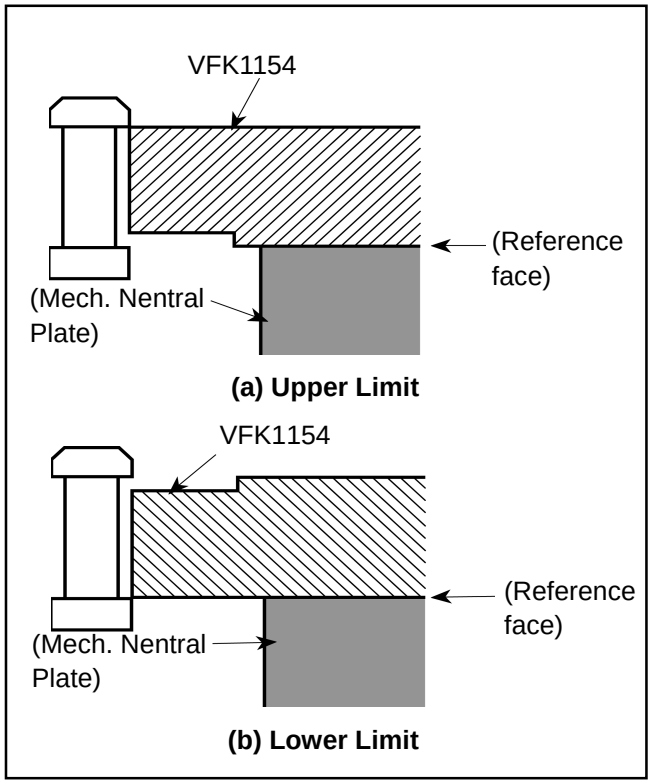


Figure 1-1

Post	Limit
S4	S5 Height +0.1 0 / -0.1
S5	Lower Limit 0 +0.1 / 0 mm
T3	Lower Limit+0.000 / -0.030
T4	Lower Limit +/-0.030

Note:
S4, S5 post height is changed about 0.05mm by 90 degrees rotation and T4, T5 post height is changed about 0.03mm by 45 degrees rotation.

1-2. Tension Adjustment Flowchart

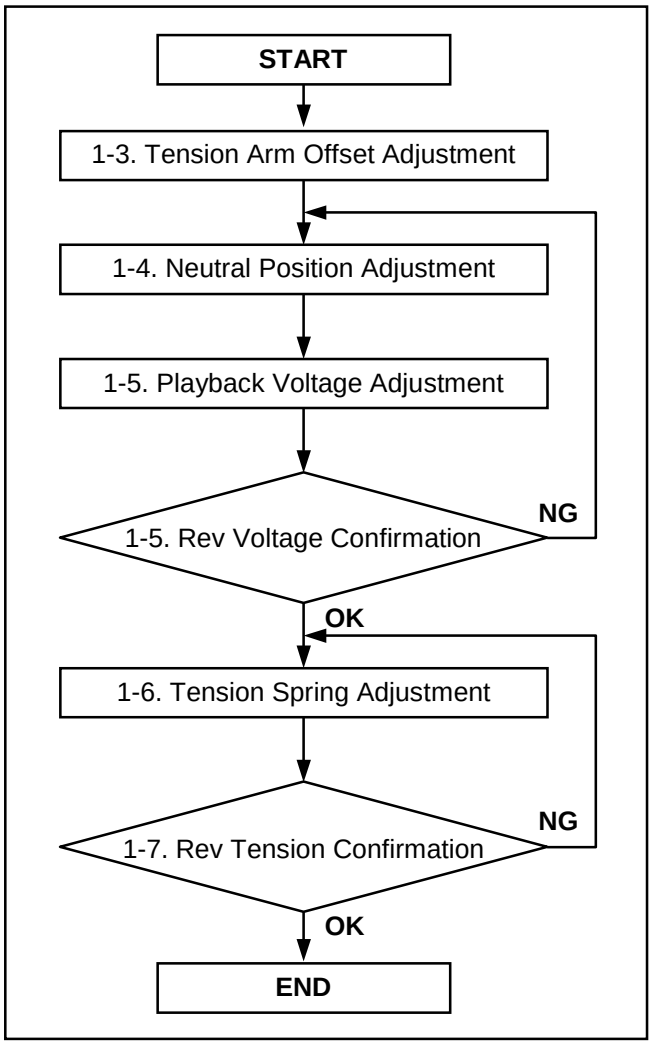


Figure 1-2

1-3. Tension Arm Offset Adjustment

SPEC	2.5 V ± 0.05 V
TEST POINT	Tension: Refer to item “6. Table of Test Point for each adjustment item.”
ADJ.	Tension Offset : Refer to item “6. Table of Test Point for each adjustment item.”
MODE	EJECT
TOOL	Digital Volt Meter

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

1. Confirm that the DC voltage at the test point is within the specification.
2. If it is out of spec, Adjust the VR so that the DC voltage is within the specification.

1-4. Tension Arm Neutral Position Adjustment

SPEC	2.5 V ± 0.1 V
TEST POINT	Tension: Refer to item "6. Table of Test Point for each adjustment item."
ADJ.	Base position of Tension Regulator Board
MODE	STOP
TOOL	Digital Volt Meter VFK1208 (black with hole)

Click this button , then go to item "6. Table of Test Point for each adjustment item..

NOTE:
Do not use magnetized tweezers and Screw Driver.
Do not touch the magnetize Screw Driver to S-Reel FG magnet portion, while adjusting the lever (D) portion.

<For STUDIO RECORDER>
1. Unscrew the 2 screws and remove the Carriage Support Panel on the Front Loading Unit.
2. Disconnect the connector P3 on the Carriage Board of the Front Loading Unit.
3. Unscrew the 6 screws and remove the Top Plate on the Front Loading Unit as shown in figure 3-4-1.

<For CAMERA RECORDERS>
1. Remove the Cassette Up Unit.

<Adjustment procedure>
1. Set the VFK1208 (black with hole) at the position as shown in figure 1-4-2.
2. Connect the Digital Volt Meter to the test point.
3. Place the unit into the no tape loading mode.(No tape loading procedure is mentioned on item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

4. Loosen the screw (A) and move the lever (D) with tweezers to adjust the sensor position so that the DC voltage at Test Point is within the specification.

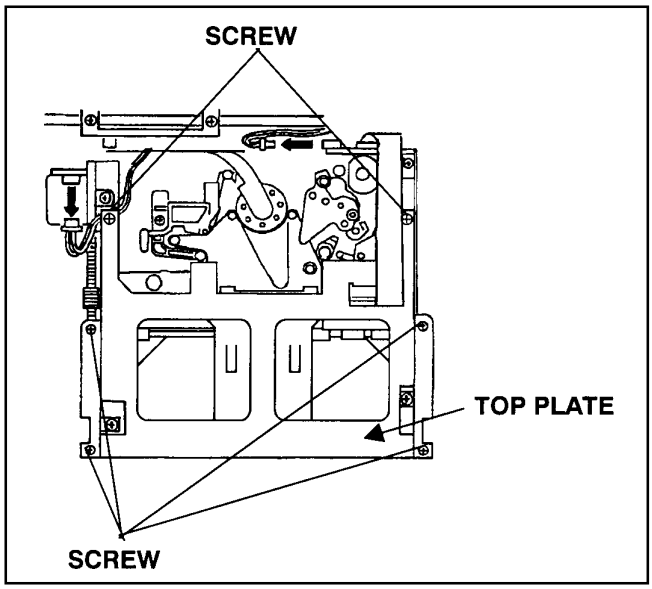


Figure 1-4-1

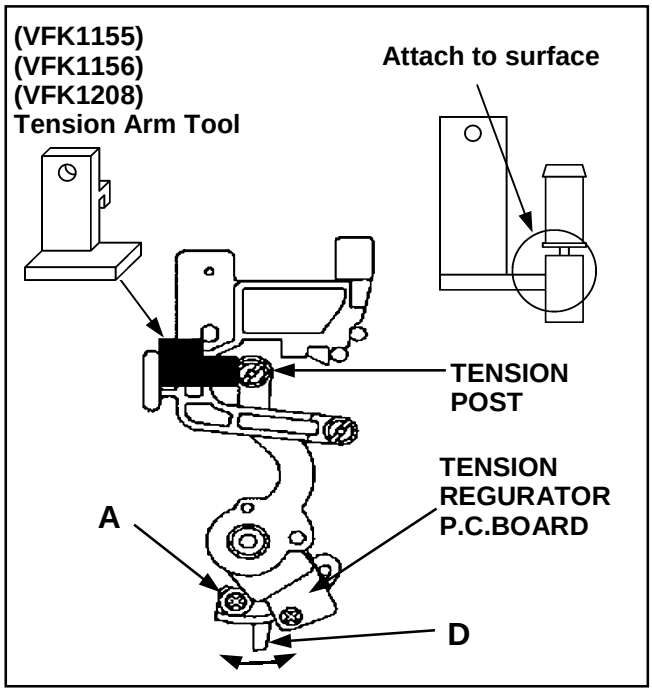


Figure 1-4-2

1-5. Tension Arm PLAY Voltage Adjustment and REV Voltage Confirmation

SPEC	PLAY : 3.8 V ± 0.05 V REV : 1.2 V ± 0.3 V
TEST POINT	Tension: Refer to item "6. Table of Test Point for each adjustment item."
ADJ.	Tension Gain: Refer to item "6. Table of Test Point for each adjustment item."
MODE	STOP
TOOL	Digital Volt Meter VFK1156 (Black: for PLAY position) VFK1155 (Silver: for REV position)

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

<For STUDIO RECORDER>

1. Unscrew the 2 screws and remove the Carriage Support Panel on the Front Loading Unit.
2. Disconnect the connector P3 on the Carriage Board of the Front Loading Unit.
3. Unscrew the 6 screws and remove the Top Plate on the Front Loading Unit as shown in figure 1-4-1.

<For CAMERA RECORDER>

Remove the Cassette Up Unit.

1. Set VFK1156 (black) at the position as shown in figure 1-4-2.
2. Place the unit into the no tape loading mode. (No tape loading procedure is mentioned on item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

3. Confirm that the DC voltage at the test point is within the specification (PLAY).
4. If it is out of spec, adjust the VR so that the DC voltage is within the specification (PLAY).
5. Set VFK1156 (Silver) at the position as shown in figure 1-4-2.
6. Place the unit into the no tape loading mode.
7. Confirm that the DC voltage at the test point is within the specification.
8. If it is out of spec, perform the Tension Arm Position Adjustment again.

1-6. Tension Regulator Spring Adjustment

SPEC	110 ± 10 mN-m (11 ± 1gf)
TEST POINT	Tension: Refer to item "6. Table of Test Point for each adjustment item."
ADJ.	Tension Regulator Spring hook (B)
MODE	STOP
TOOL	VFK1188A (Dial Tension Gauge) Digital Volt Meter

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

<For STUDIO CAMERA RECORDER>

1. Unscrew the 2 screws and remove the Carriage Support Panel on the Front Loading Unit.
2. Disconnect the connector P3 on the Carriage Board of the Front Loading Unit.
3. Unscrew the 6 screws and remove the Top Plate on the Front Loading Unit as shown in figure 1-4-1.

<For CAMERA RECORDER>

Remove the Cassette Up Unit.

<Adjustment Procedure>

1. Place the unit into no tape loading mode. (No tape loading procedure is mentioned on item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

2. Push the tension post to the direction R by the tension gauge as shown in Figure 1-6 until the voltage at the test point becomes 3.8V (If means PLAY position).
3. Loosen the screw (C) and adjust the position of hook (B) so that the indication (tension) of gauge is within the specification.
   Then fighten the screw (C) and reconfirm tension is within the specification.

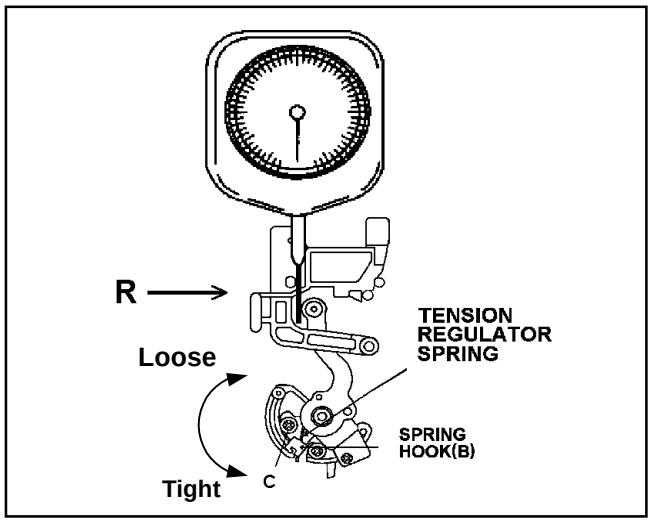


Figure 1-6

1-7. REV Tension Confirmation

SPEC	180mN ± 20mN (18gf ± 2gf)
TEST POINT	Tension: Refer to item "6. Table of Test Point for each adjustment item."
MODE	STOP
TOOL	VFK1188A (Dial Tension Gauge) Digital Volt Meter

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

<For STUDIO RECORDER>

1. Unscrew the 2 screws and remove the Carriage Support Panel on the Front Loading Unit.
2. Disconnect the connector P3 on the Carriage Board of the Front Loading Unit.
3. Unscrew the 6 screws and remove the Top Plate on the Front Loading Unit as shown in figure 1-4-1.

<For CAMERA RECORDER>

1. Remove the Cassette Up Unit.

<Adjustment Procedure>

1. Place the VTR into no tape loading mode. (No tape loading procedure is mentioned on item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

2. Push the tension post to the direction R by the tension gauge as shown in Figure 1-7 until the voltage at the test point becomes 1.2V (If means REV position).
3. Confirm that the indication (tension) of gauge is within the specification. If not, perform the Tension Spring Adjustment again.
4. After finish this adjustment, grew the screw (A), (B) and (C). The grew quantity at (B) is half of (A) and (C).
   Grew for the screw (A) and (C) should be as big as a grain of rice. For the screw (B), it should be half of that.

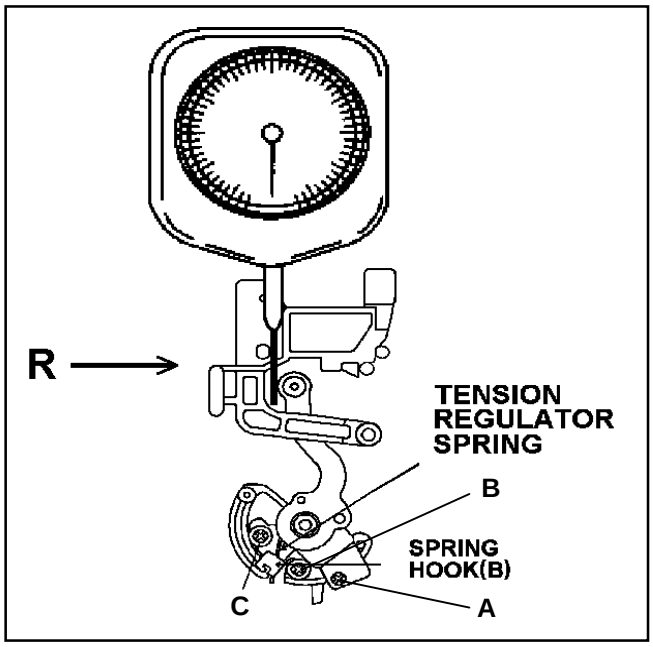


Figure 1-7

1-8. Tension Confirmation

SPEC	PLAY: 0.06N ± 0.01N (6gf ± 1gf) REV: 0.09N ± 0.02N (9gf ± 2gf)
MODE	PLAY, REV ×1
TAPE	63 min M size blank tape
TOOL	VFK1145A (Tension Meter)

♦ Please calibrate Tension Meter before tension measurement by the following procedure.

<Calibration of Tension Meter>

1. Attach the 7 grams calibration plumb to DVCPRO tape. (It's tape and plumb are included in VFK1145.)
2. Set the above tape to the Tension Meter as shown in figure 1-8-1.
3. Pull up the tape as speed of 33mm/sec and adjust the Tension Meter so that the meter shows 7 grams (0.07N).

♦ To calibrate Tension Meter the tape must be pulled up as the direction of tape path of VTR as shown in figure 1-8-1.

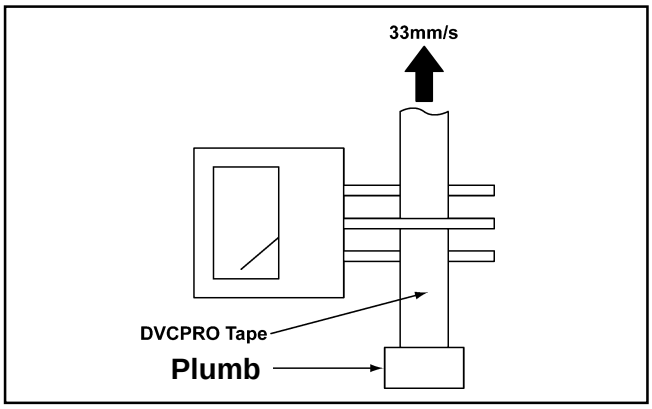


Figure 1-8-1

1. Play back the beginning portion of the tape.
2. Insert the tension meter between S3 post and S4 post as shown in figure 1-8-2.
3. Confirm that the tension value is within the specification.

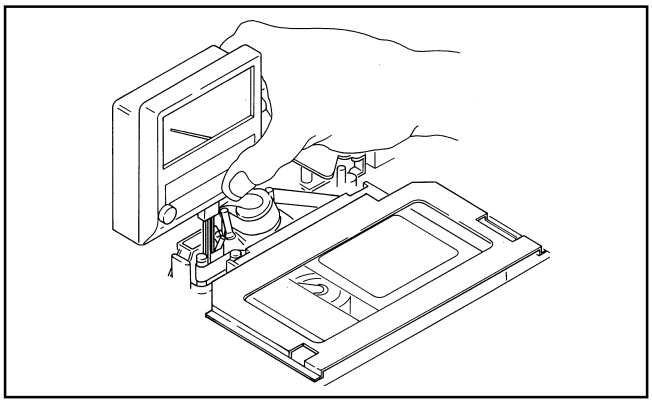


Figure 1-8-2

4. Place the unit in REV x1 mode. (To see how to set REV x1 mode, refer to item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

5. Insert the tension meter between S4 post and S5 post as shown in figure 1-8-3. (Direction is reverse)
6. Confirm that the tension value is within the specification. (Read the meter from rear side as shown in figure 1-8-3.)
7. If it is out of specification, please perform the Tension Arm Adjustment.

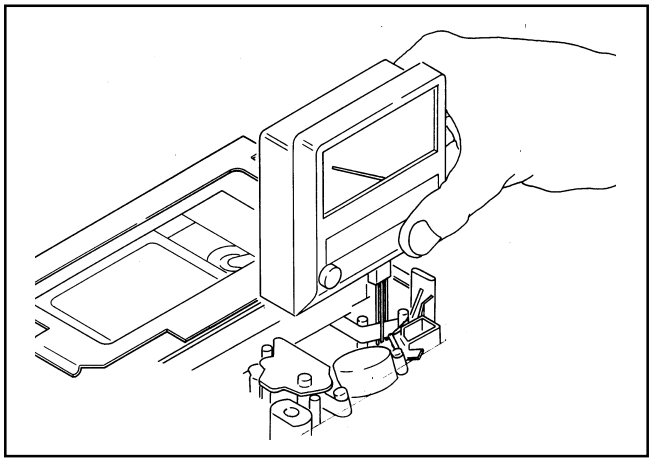


Figure 1-8-3

NOTE :
Play attention not to give some tape damage.

1-9. Photo Sensor Voltage Adjustment

SPEC	2.2 VDC ± 0.6 VDC
TEST POINT	Refer to item "6. Table of Test Point for each adjustment item."
ADJ.	Refer to item "6. Table of Test Point for each adjustment item."
MODE	STOP
TAPE	VFK1423 (Tape Beg./End M Cassette)
M. EQ	Oscilloscope

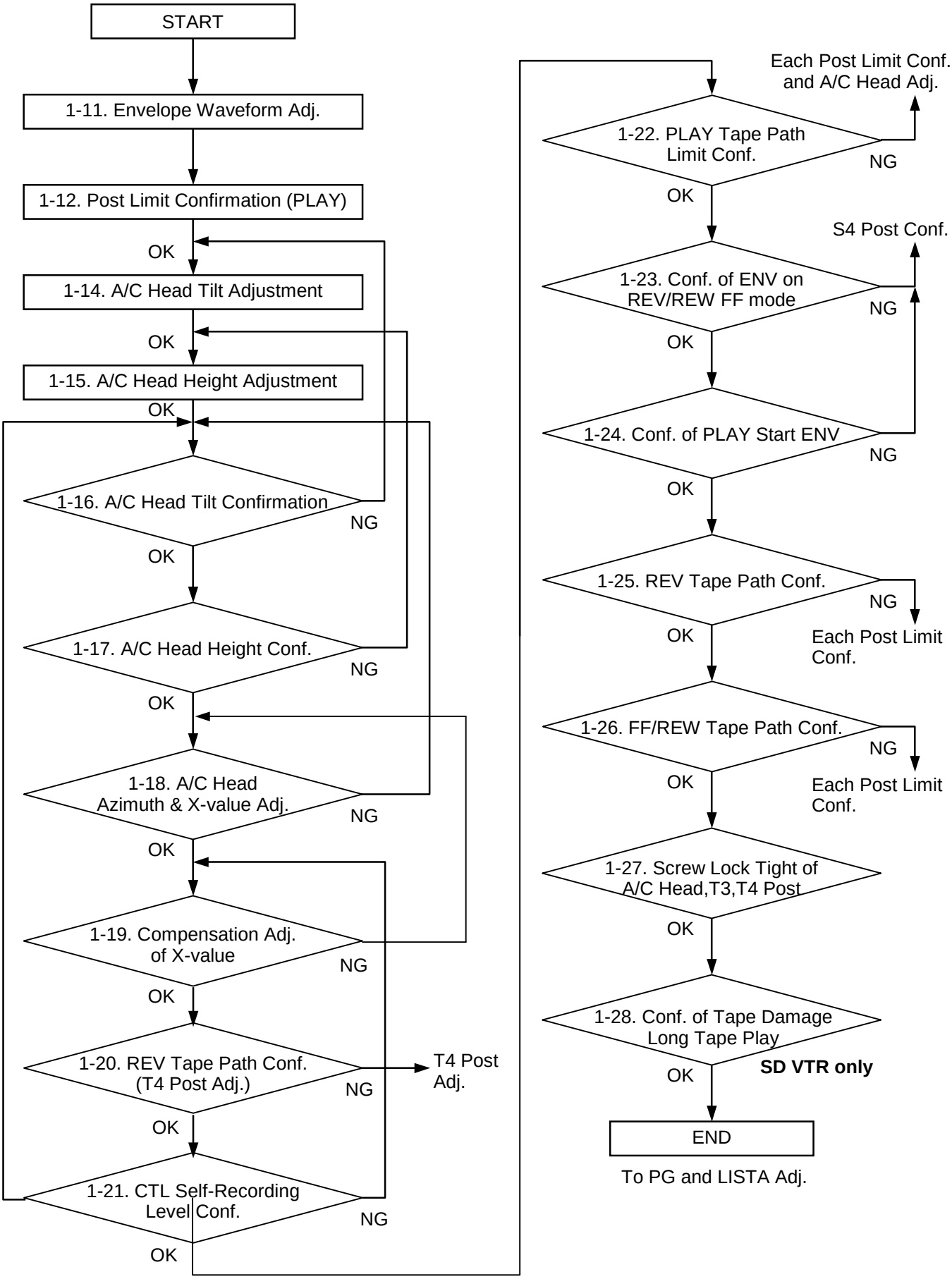
Click this button , then go to item "6. Table of Test Point for each adjustment item.".

1. Open the service menu and select item T PHOTO or S PHOTO.(To see how to select T PHOTO or S PHOTO, refer to item "6. Table of Test Point for each adjustment item.").

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

2. Insert the VFK1423 and measure the voltage which is shown on the menu.
3. Adjust the VR so that the voltage is within the specification.

1-10.Tape Path Adjustment Procedure



1-11. Envelope Waveform Adjustment

SPEC	V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8	
TEST POINT	Refer to item “6. Table of Test Point for each adjustment item.”	
ADJ.	S1, T1 Post Height	
VTR MODE	SD VTR & CAM	PLAY (ATF) (25M mode)
	HD CAM	PLAY (ATF)
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL :VFM3682KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	
TOOL	VFK1149B (Post Driver)	

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

1. Playback the alignment tape.
2. Adjust S1 and T1 post height so that the envelope signal is within the specification.
3. To adjust the S1 or T1 posts, at first raise the post height. Then the envelope at the entrance or exit side becomes small. Then down the post hight until envelope becomes flat.
4. As the order of adjustment, adjust T1 post to make it flat at exit side of envelope first and then adjust S1 post.
5. After finish this adjustment, unload the tape and load the tape again, then confirm the shape of Envelope waveform does not change.

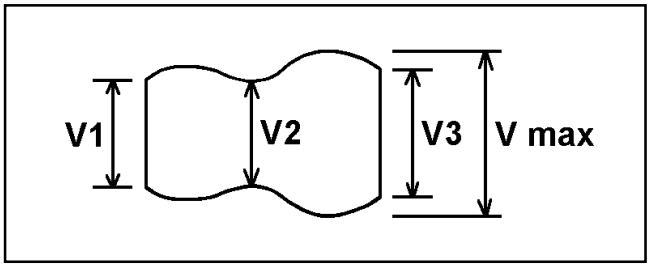


Figure 1-11

1-12. Post Limit Confirmation (PLAY)

SPEC	Post limit is shown in the following table. Curl does not appear on tape edge	
VTR MODE	SD VTR & CAM	PLAY (ATF) (25M mode)
	HD CAM	PLAY (ATF)
TAPE	Blank tape	
TOOL	VFK1149B (Post Driver) VFK1151A (Nut Driver)	

1. Confirm that the tape path limit meets specification in following table. If not, adjust it.
2. Confirm that the D, E and F condition do not appear on the tape as shown in figure.

Post	Limit	Adjustment Method
S5	Lower l or Upper limit	Post Height Pre-Adj.
S4	Lower limit	
S1	Upper limit	Envelope waveform Adj.
T1	Upper limit	
T3	Lower limit	Post Height Pre-Adj.
T4	Upper, Free or Lower limit	

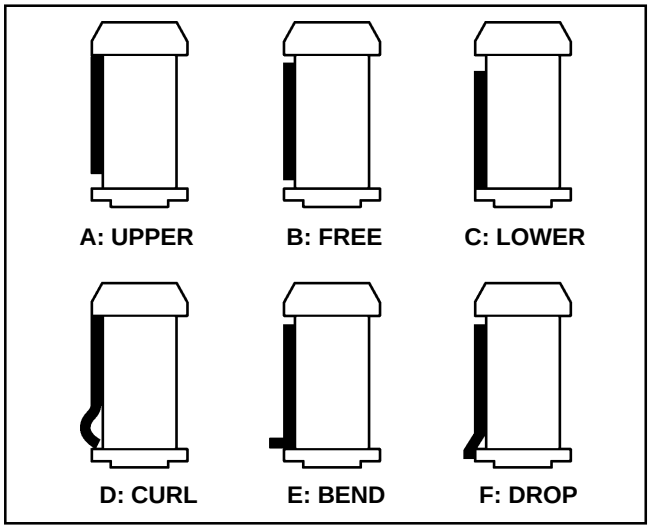


Figure 1-12

1-13. A/C Head Adjustment

Adjustment item	SCREW	Adjustment Method	Torque
Tilt adjustment	A	①. Adjust screw A after loosen screw G. Tighten direction : Decrease Cue level Loosen direction : Increase Cue level ②. Tighten screw G after finish adjustment screw A. (refer to following item “Azimuth adjustment & fix”)	None
Azimuth adjustment	F	①. Phase is adjusted by screw F after loosen screw G ②. Tighten screw G after finish adjustment screw F. (refer to below item “Azimuth adjustment & fix”)	None
Azimuth adjustment & fix	G	Screw (G) must be always tightened during adjustment except Tilt and Azimuth Adjustment.	10cN-m (1.0Kg-cm)
Height adjustment	B	Tighten direction : In case of increase CTL, when A/C Head Press down. Loosen direction : In case of increase CTL, when A/C Head lift up **NOTE : Please refer to figure 1-13-3 for the portion to lift up and press down A/C Head.**	None
Fix height	H	After height adjustment, tighten the screw (H) to fix height of A/C Head. Normally the CUE level is decreased, when the screw (H) is tightened. In this case, loosen the screw (H) 10 to 15 degree from the position tightened to keep the maximum CUE level.	19.6cN-m (2.0Kg-cm)
X-value adjustment	C, D	①. Adjust X-value at Hole (E) by VFK0357, then tighten the screw (C) and (D) to fix A/C Head horizontal position. ②. Hit gently at the portion of A/C Head Top Plate as shown in figure 4-13-4 to confirm the phase shift.	24.6cN-m (2.5Kg-cm)

SCREW	Tool for adjustment
A	VFK1178A (0.89mm Hex Driver)
B	VFK1150A (5.5mm Nut Driver)
F	VFK1148A (1.5mm Hex Driver)
C, D, G	VFK1209A (Torque Driver), VFK1148A (1.5mm Hex Driver) VFK0912 or 1375 (1.5mm Post Axis Driver)
H	VFK1190 (1.5mm L type of Hex Wrench)

1. For Tilt and Azimuth adjustment, loosen the screw (G) first and tighten the screw (G) after finish adjustment. And if need to turn the screw (A) and (F) too much for adjustment, tighten screw (A), (F) and (G) alternately.

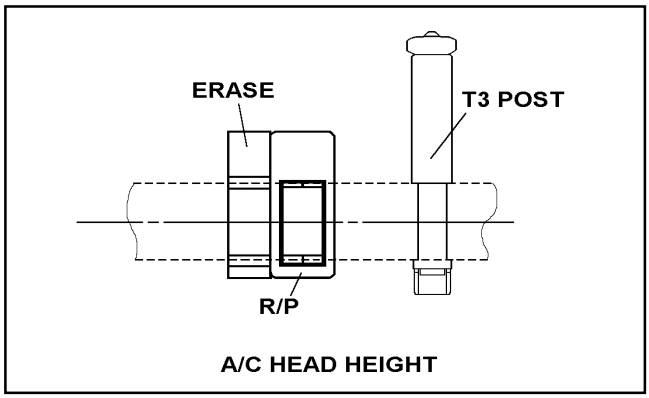


Figure 1-13-1

2. Perform the Height and X-value adjustment under the screw (G) tightened completely.
3. Be careful the tape damage at T3 Post, when adjust tilt of A/C Head. (refer to figure 4-13-1)

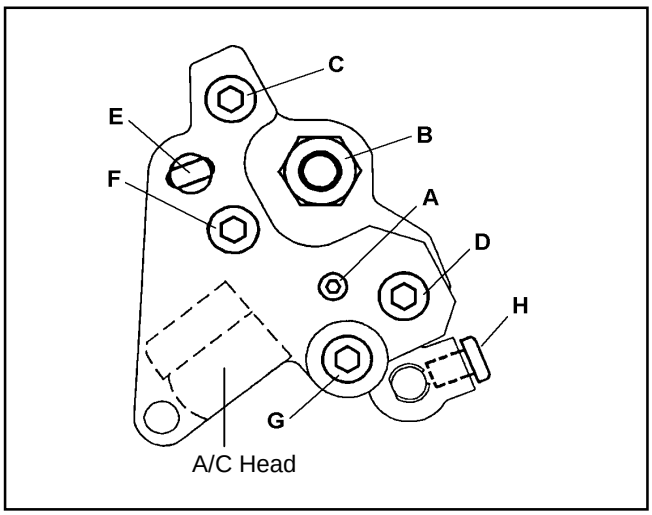


Figure 1-13-2

Confirm the screw (A) isn't loose, before perform A/C Head Tilt adjustment. The screw (A) should be always touch to top of A/C Head.

4. When the height of A/C Head is adjusted by the Nut (B), the screw (H) should be loosen first. And after height adjustment finished, tighten the screw (H) lightly.

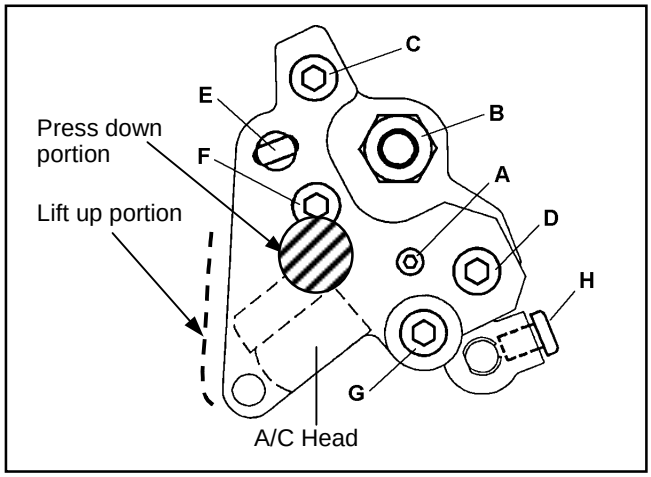


Figure 1-13-3

5. After finish X value adjustment, hit the portion (L) lightly and confirm the specification of X-value.
6. Each adjustment of A/C Head should be finished at the condition of tightening the each adjustment screw. And hit the portion (L) lightly to release the distortion of A/C Head plate.

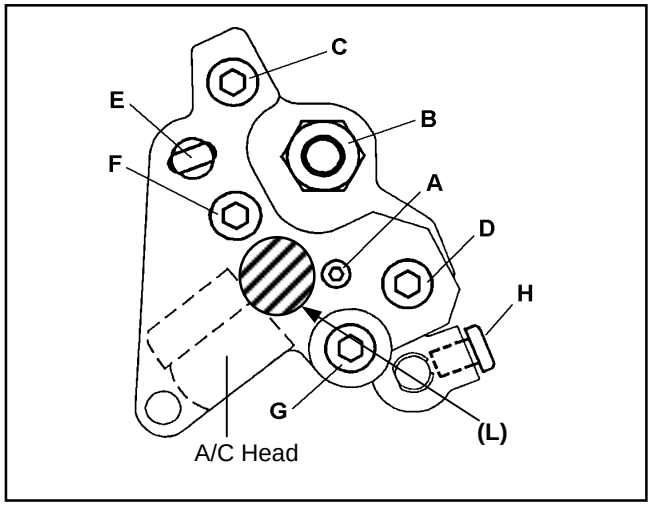


Figure 1-13-4

1-14. A/C Head Tilt Adjustment

SPEC	Curl does not appear on tape edge. Lower limit at T3 post	
ADJ.	SCREW A, G (A/C Head)	
VTR MODE	SD VTR & CAM	PLAY(25M mode)
	HD CAM	PLAY(CTL output level confirmation mode)
TAPE	Blank tape (For the long time play models, long time recorded tape should be used)	
TOOL	VFK1148A, VFK1178A (Hex Driver)	

CTL output level confiramation mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

1. Play back the tape and adjust the screw (A) for adjustment of A/C Head tilt so that the tape path has lower limit without curl at T3 post.
2. For adjustment, loosen the screw (G) and make curl on tape at lower flange of T3 post by loosening screw (A). And tighten the screw (A) accordingly to find the point of curl disappeared. After finish adjustment for screw (A), tighten the screw (G) with 10cN-m (1.0Kg/cm) of torque.

NOTE :

1. **In case of turn clockwise the screw (A).**
   → Tape goes up at T3 post.
   In case of turn counter-clockwise the screw (A).
   → Tape goes down at T3 post.
2. **When the screw (A) adjustment is finished, screw adjustment should be finished in tightening direction. And confirm that the screw (A) isn't loose.**
3. **Adjustment and confirmation should be performed alternately for each A/C head adjustment (Azimuth and Height).**

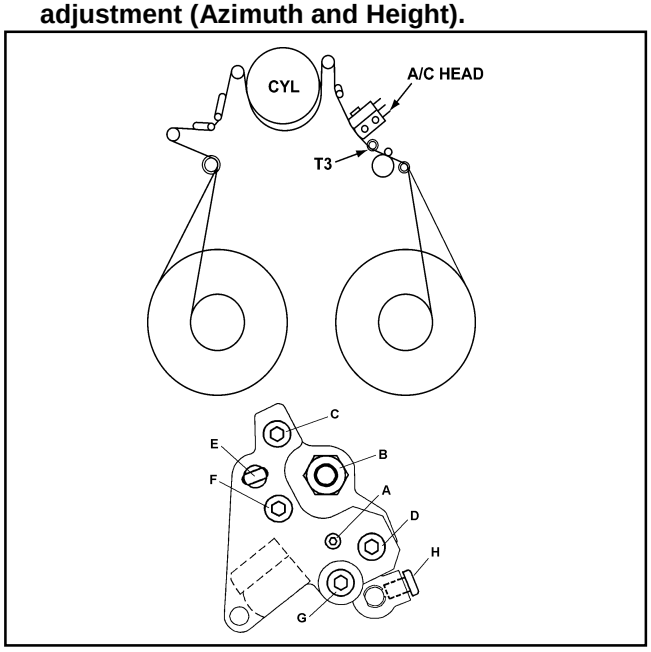


Figure 1-14

1-15. A/C Head Height Adjustment

SPEC	See below	
TEST POINT	CUE AUDIO & CTL: Refer to item "6. Table of Test Point for each adjustment item."	
ADJ.	SCREW B, H (A/C Head)	
VTR MODE	SD VTR & CAM	PLAY(25M mode)
	HD CAM	PLAY(CTL output level confirmation mode)
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL: VFM3682KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	
TOOL	VFK1150A (Nut Driver) VFK1190 (Hex Wrench)	

CTL output level confiramation mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

<Specification of CUE and CTL output level>

Model	CUE	CTL
SD VTR	A = Amax	C1, C2 ≥ 1.8 V
SD & HD CAM	A = Amax	C1, C2 ≥ 220m V

1. Press and Lift up A/C Head lightly as indicated in following figure, then confirm that the CTL and CUE output level is within the specification.
2. If it is out of spec., loosen the screw H and adjust the screw B until Cue output is maximized.
3. Confirmation of the level have to be done after the screw (H) is tighten completely. (refer to A/C Head Adjustment Method)
4. A/C head height adjustment should be done with Azimuth and X Value adjustment alternately.

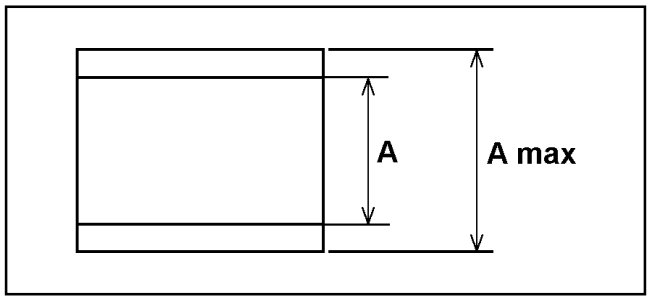


Figure 1-15-1

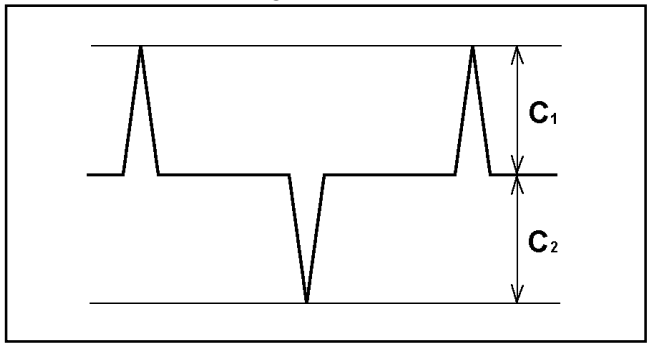


Figure 1-15-2

1-16. A/C Head Tilt Confirmation

SPEC	A/Amax ≥ 0.8	
TEST POINT	CUE AUDIO: Refer to item "6. Table of Test Point for each adjustment item."	
ADJ.	SCREW A, G (A/C Head)	
VTR MODE	SD VTR & CAM	PLAY(25M mode)
	HD CAM	PLAY(CTL output level confirmation mode)
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL: VFM3682KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	
TOOL	VFK1178A, VFK1148A (Hex Driver)	

CTL output level confiramation mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

1. Playback the Alignment tape.
2. Confirm that the screw (G) and (H) are not loose.
3. Push the tension post the arrow (B) direction as shown in following figure without moving T2 post. And confirm that the CUE output level is within the specification.
4. If out of specification, loosen the screw (G) and adjust the screw (A) (refer to item "1-14 A/C Head tilt Adjustment".)
5. After adjustment performed, confirm the tape path condition by following Post Limit Confirmation procedure (item 1-12).

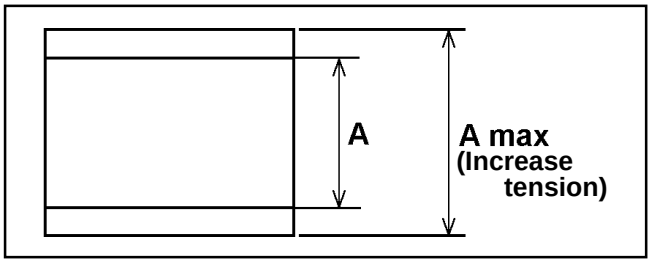


Figure 1-16-1

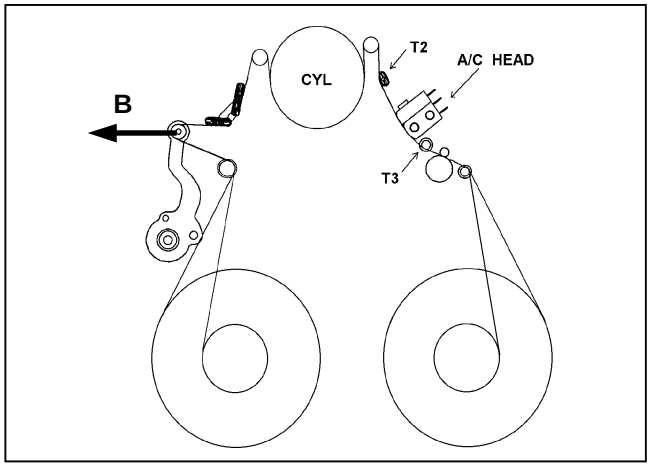


Figure 1-16-2

1-17. A/C Head Height Confirmation

SPEC	See below	
TEST POINT	CUE AUDIO & CTL: Refer to item "6. Table of Test Point for each adjustment item."	
ADJ.	SCREW B, H (A/C Head)	
VTR MODE	SD VTR & CAM	PLAY(25M mode)
	HD CAM	PLAY(CTL output level confirmation mode)
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL: VFM3682KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	
TOOL	VFK1150A (Nut Driver) VFK1190 (Hex Wrench)	

CTL output level confiramation mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

<Specification of CUE and CTL output level>

Model	CUE	CTL
SD VTR	A = Amax	C1, C2 ≥ 1.8 V
SD & HD CAM	A = Amax	C1, C2 ≥ 220m V

1. Press and Lift up A/C Head lightly as indicated in following figure, then confirm that the CTL and CUE output level is within the specification.
2. If it is out of spec., loosen the screw (H) and adjust the screw (B) until Cue output is maximized. (refer to item "4-15 A/C Head Height Adjustment".)

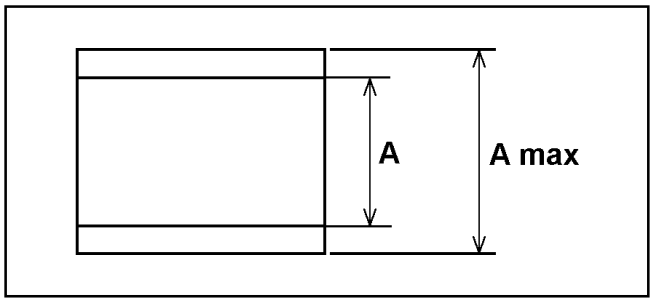


Figure 1-17-1

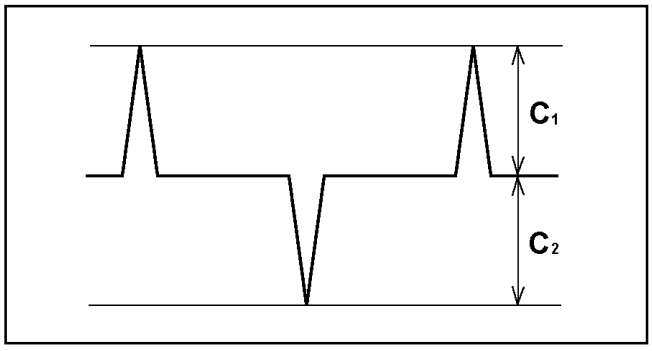
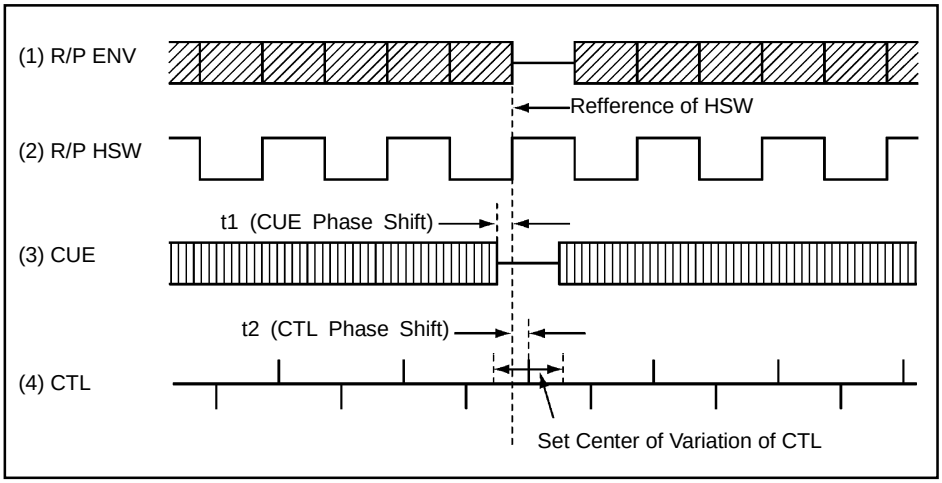
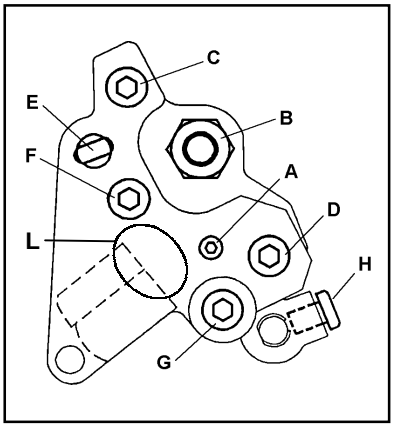


Figure 1-17-2

1-18. A/C Head Azimuth and X-value Adjustment (SD 25M)

SPEC	**-250μs ≤ t1, t2 ≤+250μs**	**TEST POINT**	RP ENV RP HSW CUE CTL	Refer to item "6. Table of Test Point for each adjustment item." **Click this button ■ , then go to item "6. Table of Test Point for each adjustment item."**
ADJ.	A/C Head each screw (C,D,F,G) and hole	**M.EQ**	Oscilloscope	
AFJUSTMENT MODE	PLAY(RP Head /ATF) Refer to item "6. Table of Test Point for each adjustment item.	**TOOL**	VFK0357 (Eccentric Driver) VFK1148A (Hex Driver) VFK1209A (Torque Driver) VFK0912 or VFK1375 (Hex Bit)	
TAPE	**NTSC :** VFM3582KM, **PAL :** VFM3682KM			
CTL reference	Riging edge			





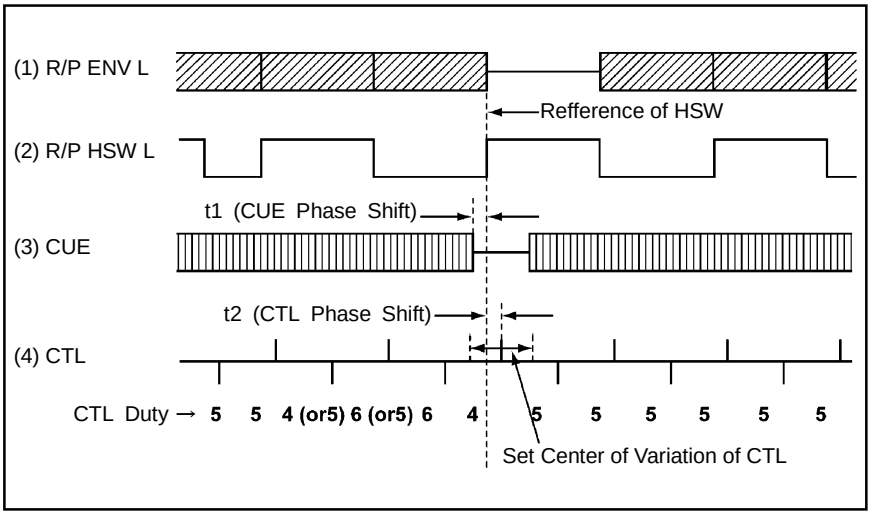
1. Set the Adjustment mode.

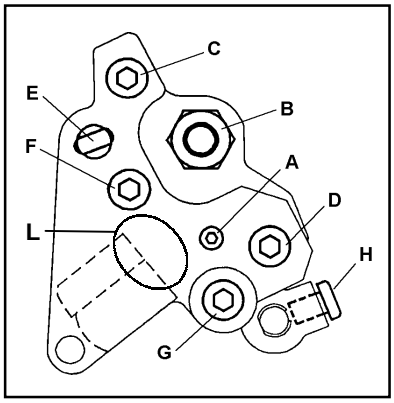
Adjustment mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."
Click this button ■ , then go to item "6. Table of Test Point for each adjustment item."

2. Playback an X-value Alignment tape.
3. Confirm that the rising edge of CTL match with the front position of non-recorded portion of CUE. If not adjust the Screw (F) to match both phase.
4. Confirm the non-recorded portion of envelope, and select the HSW to meet with it (L ch of tape with non-recorded portion meets HSW high).
5. Adjust A/C Head Horizontal position so that the reference of HSW match with CTL trigger in the phase (t1). To adjust X-value, loosen the screw (C) and (D), then adjust the hole (E) by VFK0357. After adjustment, tighten the screw (C) and (D) with 24.6cN-m (2.5Kg) torque. At this time adjust the phase simultaneously with Azimuth so that the CTL and CUE phase is kept.
6. Hit the top plate (portion L as shown in figure) of A/C Head lightly, then confirm the phase is not shifted finally.
7. Fix the screw by Lock Tight glue after the adjustment.

1-18. A/C Head Azimuth and X-value Adjustment (SD 50M)

SPEC	**25M mode : -250μs ≤ t1, t2 ≤ +250μs** **50M mode : -125μs ≤ t1, t2 ≤ +125μs**	**TEST POINT**	Refer to item "6. Table of Test Point for each adjustment item." **Click this button , then go to item "6. Table of Test Point for each adjustment item."**
ADJ.	A/C Head each screw(C,D,F,G) and hole (E)	**M. EQ**	Oscilloscope
ADJUSTMENT MODE	Refer to item "6. Table of Test Point for each adjustment item."	**TOOL**	VFK0357 (Eccentric Driver) VFK1148A (Hex Driver) VFK1209A (Torque Driver) VFK0912 or VFK1375 (Hex Bit)
TAPE	**NTSC :** VFM3582KM, **PAL :** VFM3682KM		
CTL reference	Riging edge		





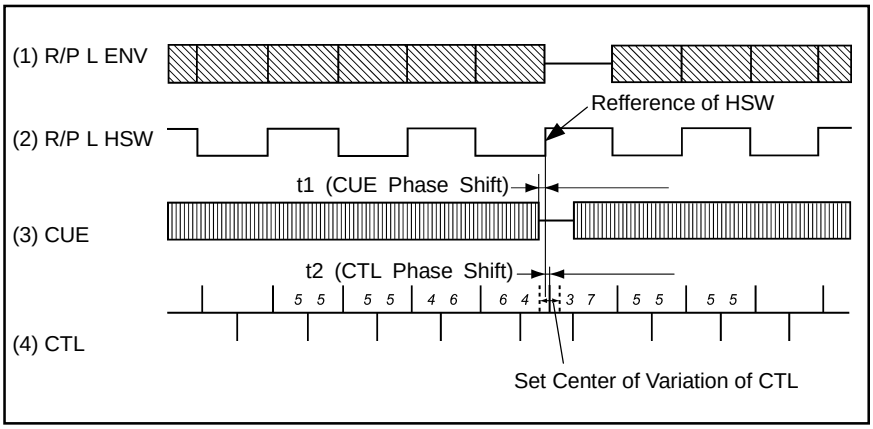
1. Set the Adjustment mode.
2. Set the VTR in 25M mode and playback an X-value Alignment tape.
   25M/50M mode and Adjustment mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

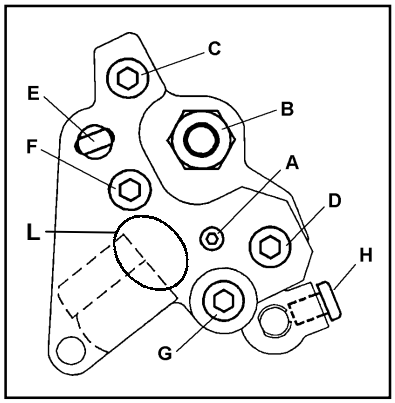
Click this button , then go to item "6. Table of Test Point for each adjustment item."

3. Confirm that the rising edge of CTL match with the front position of non-recorded portion of CUE. If not adjust the Screw (F) to match both phase.
4. Adjust A/C Head Horizontal position so that CTL trigger at the frame start match with the reference of HSW (t2). The frame start CTL is located at the edge between 6 : 4 and 5 : 5 portion. To adjust A/C Head Horizontal position, loosen the screw (C) and (D), then adjust the hole (E) by VFK0357. After adjustment, tighten the screw (C) and (D) with 24.6cN (2.5Kgf) torque.
5. Hit the top plate (portion L as shown in figure) of A/C Head lightly, then confirm the phase is not shifted finally.
6. Confirm that t1 and t2 is within SPEC. If not, return to item 3.
7. Set the VTR in 50M mode and confirm the timing is within the specification. If it is out of spec., return to item 3.
8. Fix the screw by Lock Tight glue after the adjustment.

1-18. A/C Head Azimuth and X-value Adjustment (HD CAM)

SPEC	**HD LP mode : -125μs ≤ t1, t2 ≤ +125μs**	**TEST POINT**	Refer to item "6. Table of Test Point for each adjustment item." **Click this button , then go to item "6. Table of Test Point for each adjustment item."**
ADJ.	A/C Head each screw(C,D,F,G) and hole (E)	**M. EQ**	Oscilloscope
ADJUSTMENT MODE	Refer to item "6. Table of Test Point for each adjustment item."	**TOOL**	VFK0357 (Eccentric Driver) VFK1148A (Hex Driver) VFK1209A (Torque Driver) VFK0912 or VFK1375 (Hex Bit)
TAPE	VFM3782KML		
CTL reference	Rising edge		





1. Set the Adjustment mode.

Adjustment mode setting procedure is mentioned on item "6. Table of Test Point for each adjustment item."

Click this button , then go to item "6. Table of Test Point for each adjustment item."

2. Playback an X-value Alignment tape on HD LP mode.
3. Confirm that the rising edge of CTL match with the front position of non-recorded portion of CUE. If not adjust the Screw (F) to match both phase.
4. Adjust A/C Head Horizontal position so that CTL trigger at the frame start match with the reference of HSW (t2). The frame start CTL is located at the edge between 6 : 4 and 7 : 3 portion. To adjust A/C Head Horizontal position, loosen the screw (C) and (D), then adjust the hole (E) by VFK0357. After adjustment, tighten the screw (C) and (D) with 24.6cN (2.5Kgf) torque.
5. Hit the top plate (portion L as shown in figure) of A/C Head lightly, then confirm the phase is not shifted finally.
6. Confirm that t1 and t2 is within SPEC. If not, return to item 3.
7. Fix the screw by Lock Tight glue after the adjustment.

1-19. Compensation Adjustment Of X Value

Please refer to item “3. Compensation Adjustent of X value” about X value compensation.

Click this button , then go to item “3. Compensation Adjustmnet of X value.”

1-20. REV Tape Path Confirmation and Adjustment (T4 Post Height Adjustment)

SPEC	①. C1, C2 ≥ Cp1, Cp2×0.75 **NOTE:** **C1, C2: CTL output REV (-1) mode** **Cp1, Cp2: CTL output PLAY (+1) mode.** ②. Lower limit at T3 post on REV mode. ③. Curl does not appear on tape at T3 and T4 post.	
TEST POINT	CTL: Refer to item “6. Table of Test Point for each adjustment item.”	
ADJ.	T4 post height	
VTR MODE	SD VTR & CAM	25M mode
	HD CAM	CTL output level confirmation mode
	To see how to set PLAY and REV x1 mode, refer to item “6. Table of Test Point for each adjustment item.”	
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL: VFM3582KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	
TOOL	VFK1151A (Nut Driver)	

Click this button , then go to item “6. Table of Test Point for each adjustment item.”

1. Confirm that the CTL level on 25M mode(SD VTR & CAM) or CTL output level confirmation mode(HD CAM).
2. Place unit into REV X1 mode and confirm the CTL output level becomes more than 75% at play mode. Confirm the tape path limit becomes lower limit at T3 post and the tape does not have curl at T3 and T4 post.
3. If it is out of specification, adjust T4 post by following procedure.
4. Turn the Nut of T4 post clockwise or counterclockwise by the tape limit condition at T3 post. The maximum rotation angle should be 45 degree.
5. However if still it is out of specification, adjust T4 post height by following the item “4-1. Post Height Pre-adjustment procedure”.

[T4 Nut Adjustment Direction]

Direction	CTL Level	Condition of lower limit on T3 Post
Tighten	Increase	Tape touch to strong
Loosen	Decrease	Tape touch to weak

[Post limit]

Post	A	B	C	D	E	F
T3	NG	NG	OK	NG	NG	NG
T4	OK	OK	OK	NG	NG	NG

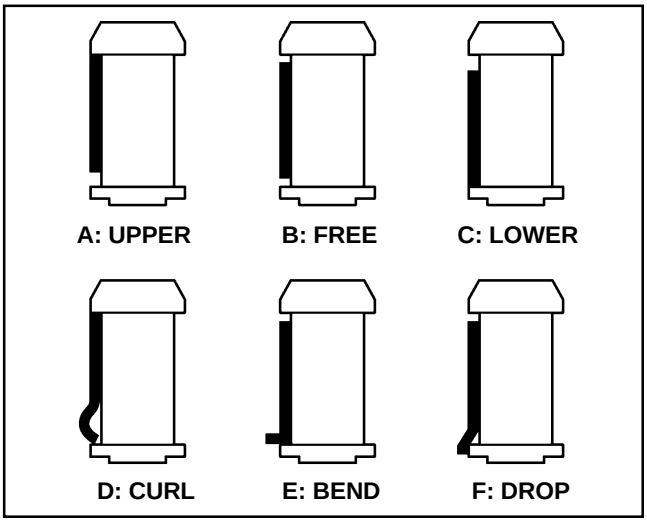


Figure 1-20-1

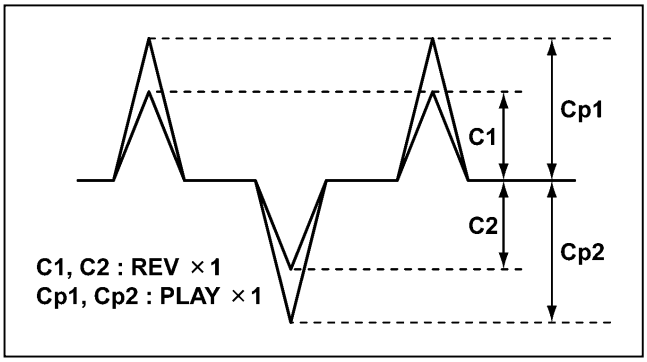


Figure 1-20-2

1-21. CTL Self Recording LevelConfirmation

SPEC.	See below	
TEST POINT	CTL: Refer to item “6. Table of Test Point for each adjustment item.”	
ADJ.	T4 post height	
VTR MODE	SD VTR & CAM	25M mode
	HD CAM	CTL output level confirmation mode
	To see how to set PLAY and REV x1 mode, refer to item “6. Table of Test Point for each adjustment item.”	
TAPE	Blank Tape M cassette 66 min	
M.EQ	Oscilloscope	

Click this button , then go to item “6. Table of Test Point for each adjustment item.”

(Specification for confirmation)

Model	CTL Output level : C1, C2
PLAY	
SD VTR	C1, C2 ≥ 1.8 V
SD & HD CAM	C1, C2 ≥ 220mV
REV (-1)	
SD VTR	C1, C2 ≥ 1.4 V
SD & HD CAM	C1, C2 ≥ 170mV
REV (-0.2)	
SD VTR	C1, C2 ≥ 1.2 V
SD & HD CAM	No required

1. Please confirm that the each screws are fixed on A/C Head.
2. Confirm that the CTL level on 25M mode(SD VTR & CAM) or CTL output level confirmation mode(HD CAM).
3. Place Unit into REC mode and playback the recorded portion.
4. Confirm that the CTL level is within the specification at PLAY and REV mode.
5. If CTL level is out of specification at PLAY mode, confirm the height of A/C Head (refer to item “1-17. A/C Head Height Confirmation”)
6. If CTL level is out of specification at REV mode, confirm the height of T4 Post (refer to item “1-20. REV Tape Path Confirmation and Adjustment”).

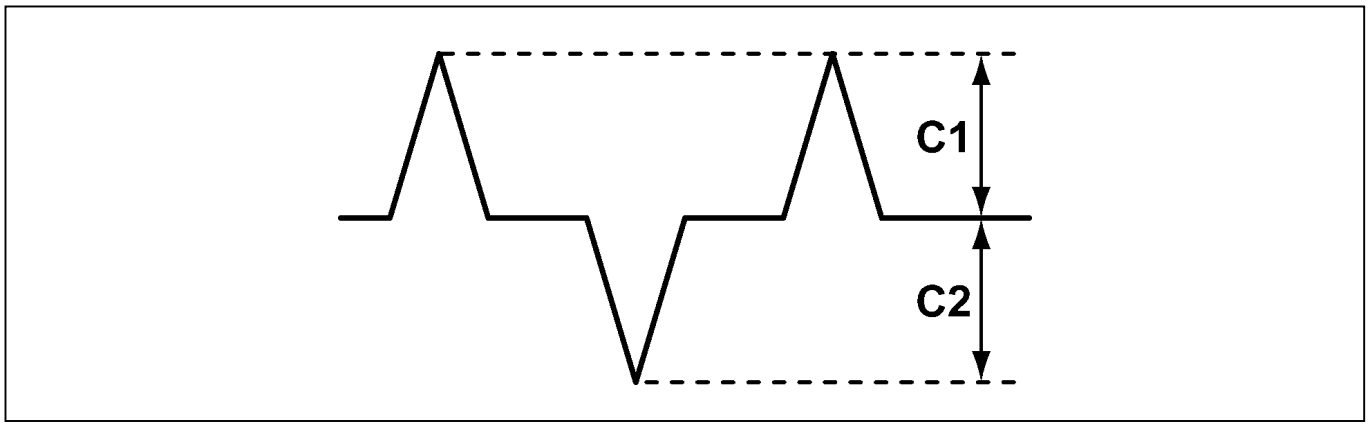


Figure 1-21

1-22. Play Tape Path Limit Confirmation

SPEC	Each post limit shown in figure below (refer to Table 1-22).	
VTR MODE	PLAY	
TAPE	SD VTR & CAM	NTSC: VFM3582KM or Blank Tape
		PAL: VFM3682KM or Blank Tape
	HD CAM	VFM3782KML or Blank Tape

Post Name	**Tape limit (refer to figure)**						**Adjustment Point**	**Adjustment Item**
	A	**B**	**C**	**D**	**E**	**F**		
S5 post	OK	OK	NG	NG	NG	NG	S4, S5 post	Post Height Pre-Adjustment
S4 (Tension) post	NG	NG	OK	NG	NG	NG		
S1 post	OK	NG	NG	NG	NG	NG	S1, T1 post	ENV Waveform Adjustment
T1 post	OK	NG	NG	NG	NG	NG		
T3 post	NG	NG	OK	NG	NG	NG	A/C Head tilt screw	A/C Head Tilt Adjustment
T4 post	OK	OK	OK	NG	NG	NG	T4 post	Post Height Pre-Adjustment

Table 1-22

1. Place unit into PLAY mode and confirm the each post limits is within the specification.
2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to above table).

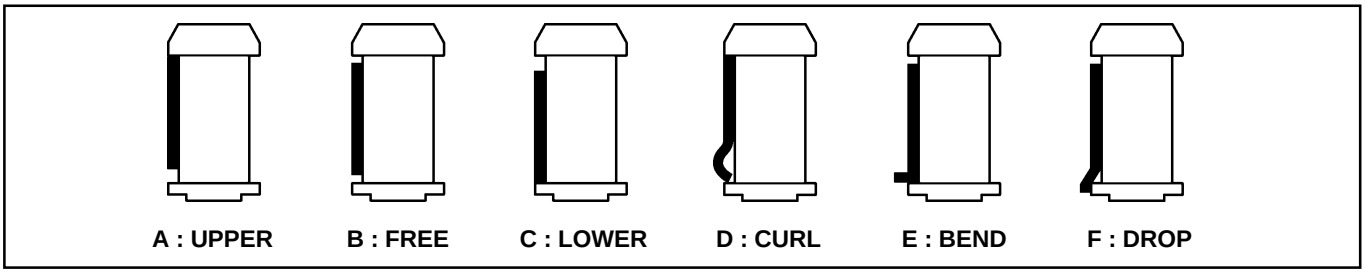


Figure 1-22

1-23. Confirmation of Envelope on REV, REW and FF mode

SPEC	Waveform must be Diamond Style. All the peak level must be more than 90% of maximum level. V/Vmax ≥ 0.9	
TEST POINT	Refer to item "6. Table of Test Point for each adjustment item."	
VTR MODE	REV, REW, FF	
TAPE	SD VTR & CAM	NTSC: VFM3582KM
		PAL: VFM3682KM
	HD CAM	VFM3782KML
M.EQ	Oscilloscope	

Click this button , then go to item "6. Table of Test Point for each adjustment item.".

1. Confirm that the Envelope waveform becomes in the specification at REV, REW and FF mode as following.
   - Waveform must be Diamond Style. (Figure 1-23)
   - All the peak level must be more than 90% of maximum level.
     V/Vmax ≥ 0.9
2. If out of spec, adjust S4 post height. (refer to item "1-1.Post Height Pre-Adjustment")

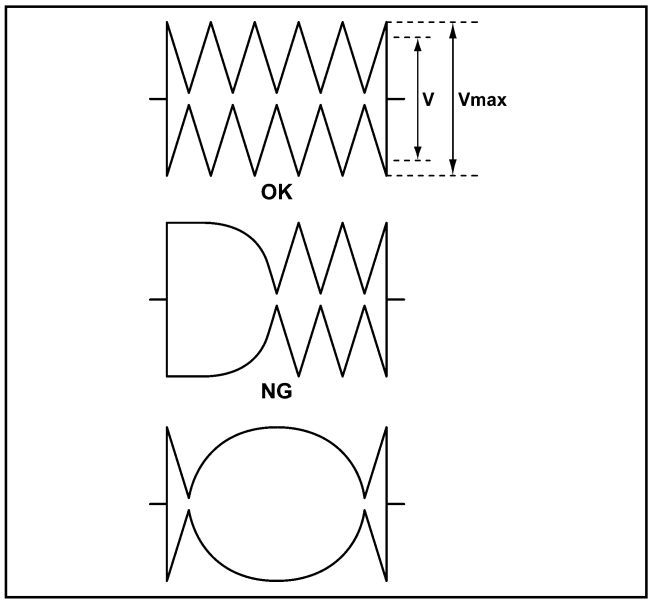


Figure 1-23

1-24. Confirmation of Play Start Envelope

SPEC	Envelope Waveform signal should be rising up immediately at PLAY mode.
TEST POINT	Refer to item “6. Table of Test Point for each adjustment item.”
VTR MODE	REW/REV → PLAY, Loading completion → PLAY, FF→ PLAY
TAPE	M Cassette (66min, Recorded tape) Tape beginning portion
M.EQ	Oscilloscope

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

NOTE: Shift to PLAY after FF·REW stands up at high speed. Not suitable beginning or end of tape portion and low speed condition of mode switchover condition.

This adjustment must be done after Envelope Waveform Adjustment.

1. Confirm that the envelope appears immediately, when the mode is changed from REW to PLAY, REV to PLAY, FF to PLAY, and Lording to PLAY mode.
2. If out of spec, adjust S4 post height. (refer to item “1-1. Post Height Pre-Adjustment”)

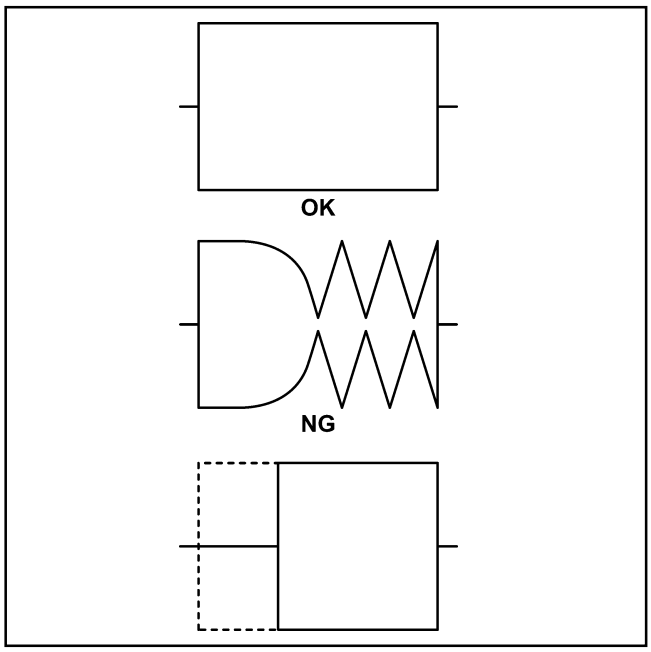


Figure 1-24

1-25. REV mode Tape Path Limit Confirmation

SPEC	Each post limit shown in below figure (Refer to Table 1-25 and Figure 1-25)	
VTR MODE	REV	
TAPE	SD	NTSC: VFM3580KM or Blank tape
		PAL: VFM3580KM or Blank tape
	HD	VFM3782KML or Blank tape

Post Name	**Tape Limit (Refer to figure 1-25)**					
	A	**B**	**C**	**D**	**E**	**F**
S5 Post	OK	OK	OK	NG	NG	NG
S4 Post (Tension Post)	NG	OK	OK	NG	NG	NG
S1 Post	OK	NG	NG	NG	NG	NG
T1 Post	OK	OK	OK	NG	NG	NG
T3 Post	NG	NG	OK	NG	NG	NG
T4 Post	OK	OK	OK	NG	NG	NG

Table 1-25

1. Place unit into REV mode and confirm the each post limits is within the specification.
2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to Table 1-22 on item 1-22)

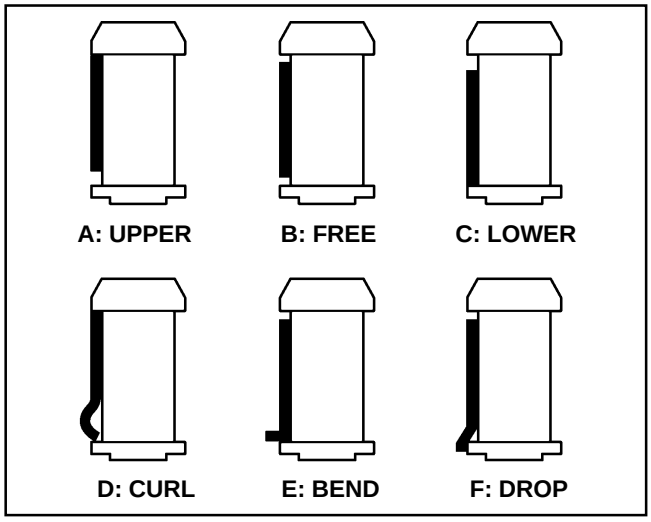


Figure 1-25

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.
(How to set REV mode)

1-26. FF, REW mode Tape Path Limit Confirmation

SPEC	Each post limit shown in below figure (Refer to Table 1-25 and Figure 1-26)	
VTR MODE	FF, REW	
TAPE	SD	NTSC: VFM3580KM or Blank tape
		PAL: VFM3580KM or Blank tape
	HD	VFM3782KML or Blank tape

Post Name	Tape Limit (Refer to figure 1-25)					
	A	B	C	D	E	F
S5 Post	OK	OK	OK	NG	NG	NG
S4 Post (Tension Post)	NG	OK	OK	NG	NG	NG
S1 Post	OK	NG	NG	NG	NG	NG
T1 Post	OK	OK	OK	NG	NG	NG
T3 Post	OK	OK	OK	NG	NG	NG
T4 Post	OK	OK	OK	NG	NG	NG

Table 1-26

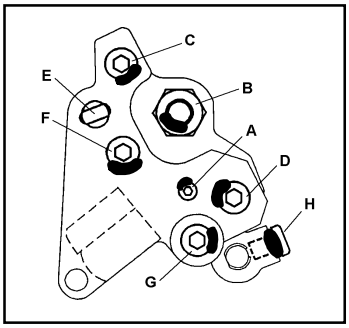
1. Place unit into FF and REW mode and confirm the each post limits is within the specification.
2. If out of specification, adjust the post height by following the each adjustment procedure (Refer to Table 1-22 on item 1-22)

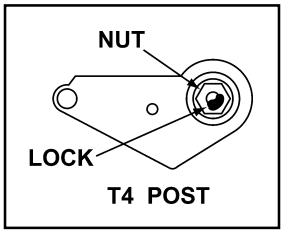
1-27. Screw Lock Tight of A/C Head and T3, T4 Post

<Screw Lock Tight of A/C Head>

	SCREW A	OTHER SCREWS
Lock Tight Grew Quantity	1/3 of the screw	1/3 of the screw

1. Fix the screw by the Lock Tight Grew after A/C Head Adjustment as shown in figure below.
2. Melt the grew before adjust each screws.





<Screw Lock Tight of T3 and T4 Post>

	SCREW A	OTHER SCREWS
Lock Tight Grew Quantity	1/4 of the screw	1/4 of the screw

1. Fix the Nut by the Lock Tight Grew after T4 Post Height Adjustment.
2. Melt the grew before perform adjustment.

1-28. Confirmation of Tape Damage for Long Tape Playback (SD VTR only)

<Confirmation procedure>

Item	Confirmation mode	Specification
Tape Damage ①	PLAY	Tape damage does not occurred on tape at lower limit of T3 and T4 post.
	X 0.5 speed (step slow)	
	<Tape> Long time L cassette (AJ-5P93LP : recorded tape) Tape beginning portion	
Tape Damage ②	SHTL	Tape damage does not occurred on tape at lower limit of T3 and T4 post.
	Repeat operation FWD←→REV mode (maximum speed at Pinch ON condition)	
	<Tape> Long time L cassette (AJ-5P93LP : recorded tape) Tape end portion	

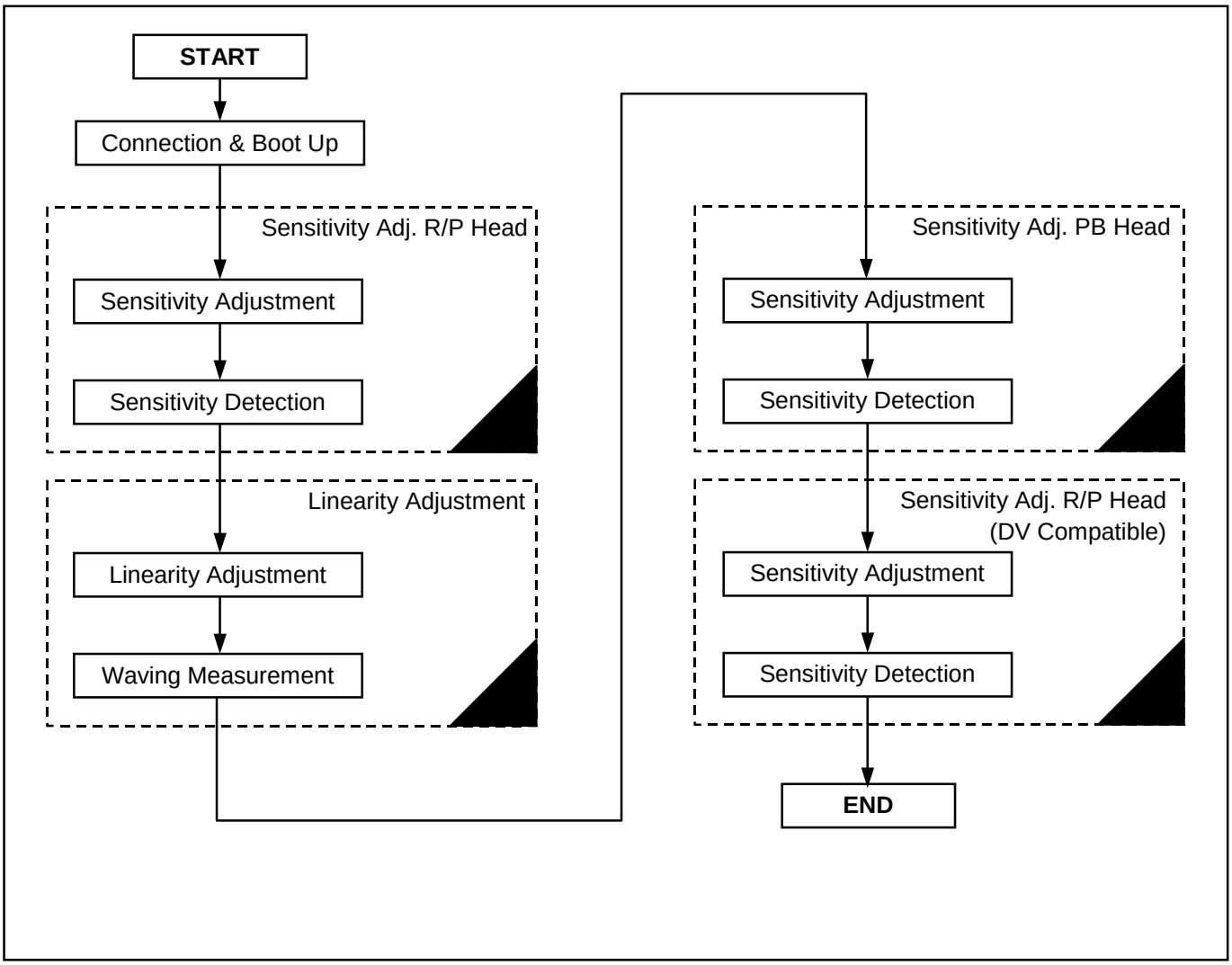
NOTE: Please use to recorded tape, which is recorded by 50M mode for this confirmation.

1. Place unit into above indicated confirmation mode.
2. Confirm that the tape damage does not occurred on tape at lower limit of T3 and T4 post.
3. If tape damage occurred, adjust T4 post height. (refer to item "1-20. REV Tape Path Confirmation and Adjustment")

1-29. LISTA Adjustment Procedure (SD 25M VTR)

Please adjust each items by following the flow chart to perform the LISTA adjustment.

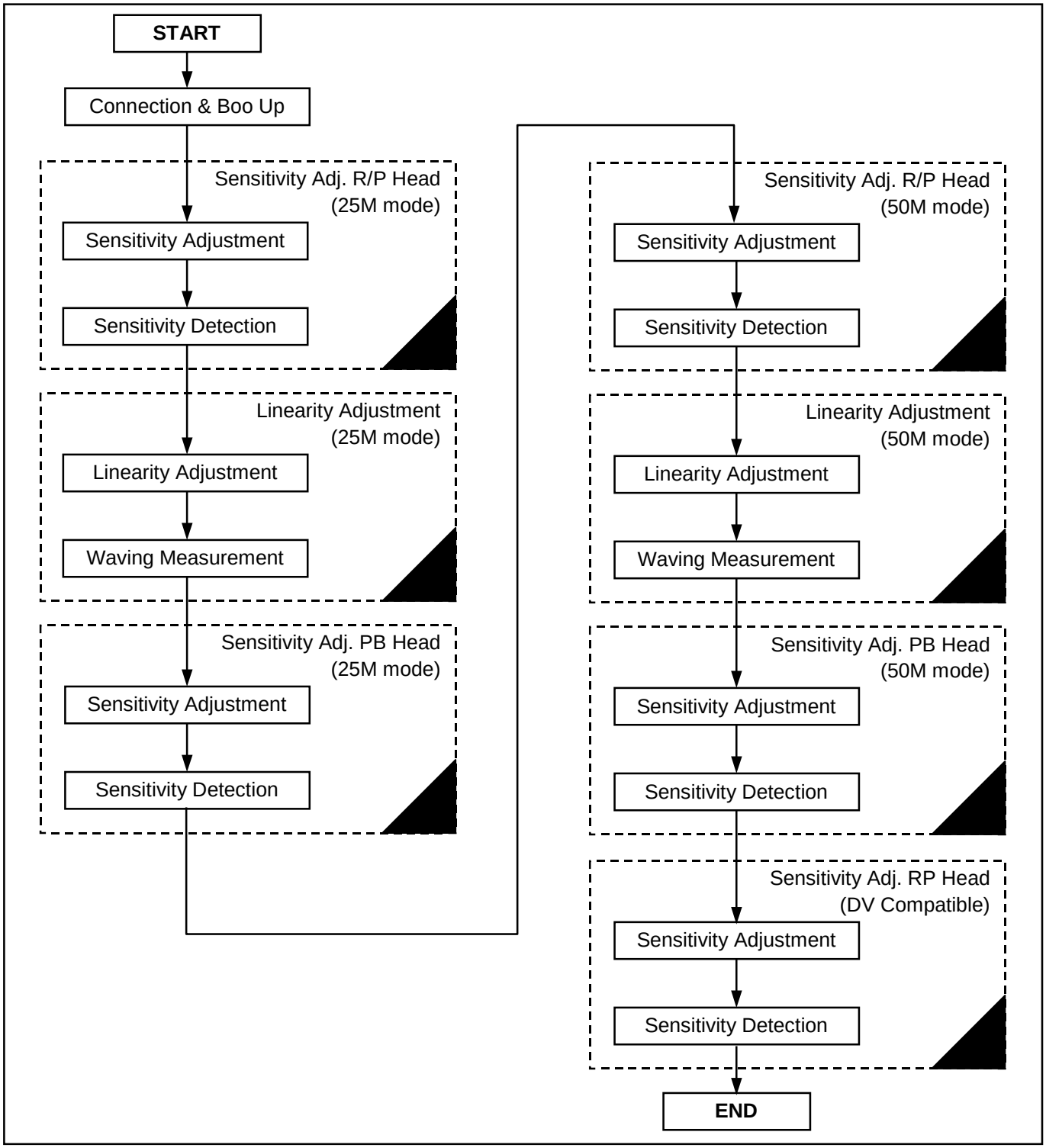
1. Refer to the item “1-32. LISTA Sensitivity Adjustment & Detection” about procedure of the sensitivity adjustment and sensitivity detection.
2. Refer to the item “1-33. LISTA Linearity Adjustment & Waving Measurement” about procedure of the linearity adjustment.



1-29. LISTA Adjustment Procedure (SD 50M VTR)

Please adjust each items by following the flow chart to perform the LISTA adjustment.

1. Refer to the item “1-32. LISTA Sensitivity Adjustment & Detection” about procedure of the sensitivity adjustment and sensitivity detection.
2. Refer to the item “1-33. LISTA Linearity Adjustment & Waving Measurement” about procedure of the linearity adjustment.



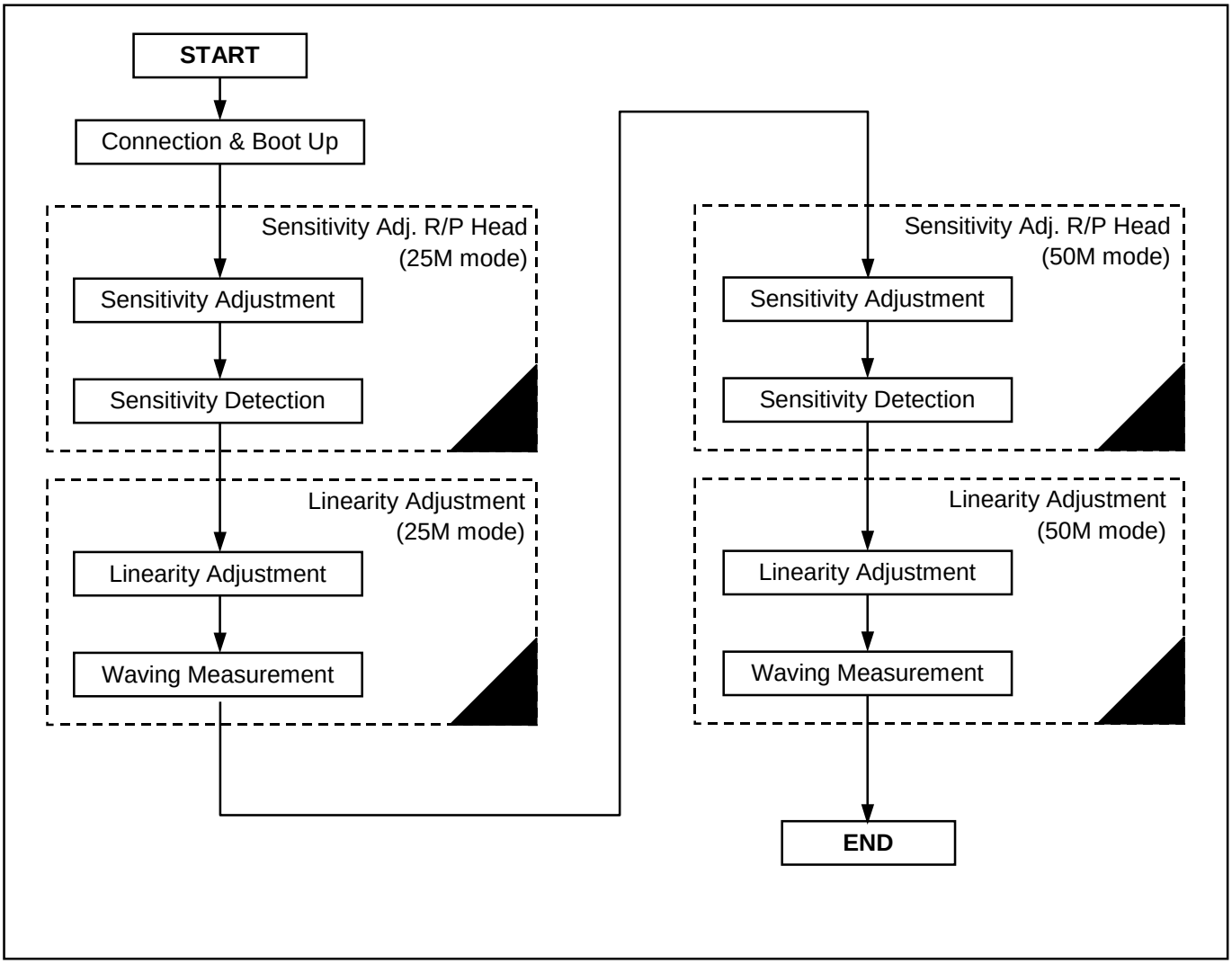
<Information>

Mode changes 25M ←→ 50M of LISTA software can be performed on the LISTA main menu by press **“0”** key on Keyboard of PC..

1-29. LISTA Adjustment Procedure (SD 50M CAM)

Please adjust each items by following the flow chart to perform the LISTA adjustment.

1. Refer to the item “1-32. LISTA Sensitivity Adjustment & Detection” about procedure of the sensitivity adjustment and sensitivity detection.
2. Refer to the item “1-33. LISTA Linearity Adjustment & Waving Measurement” about procedure of the linearity adjustment.

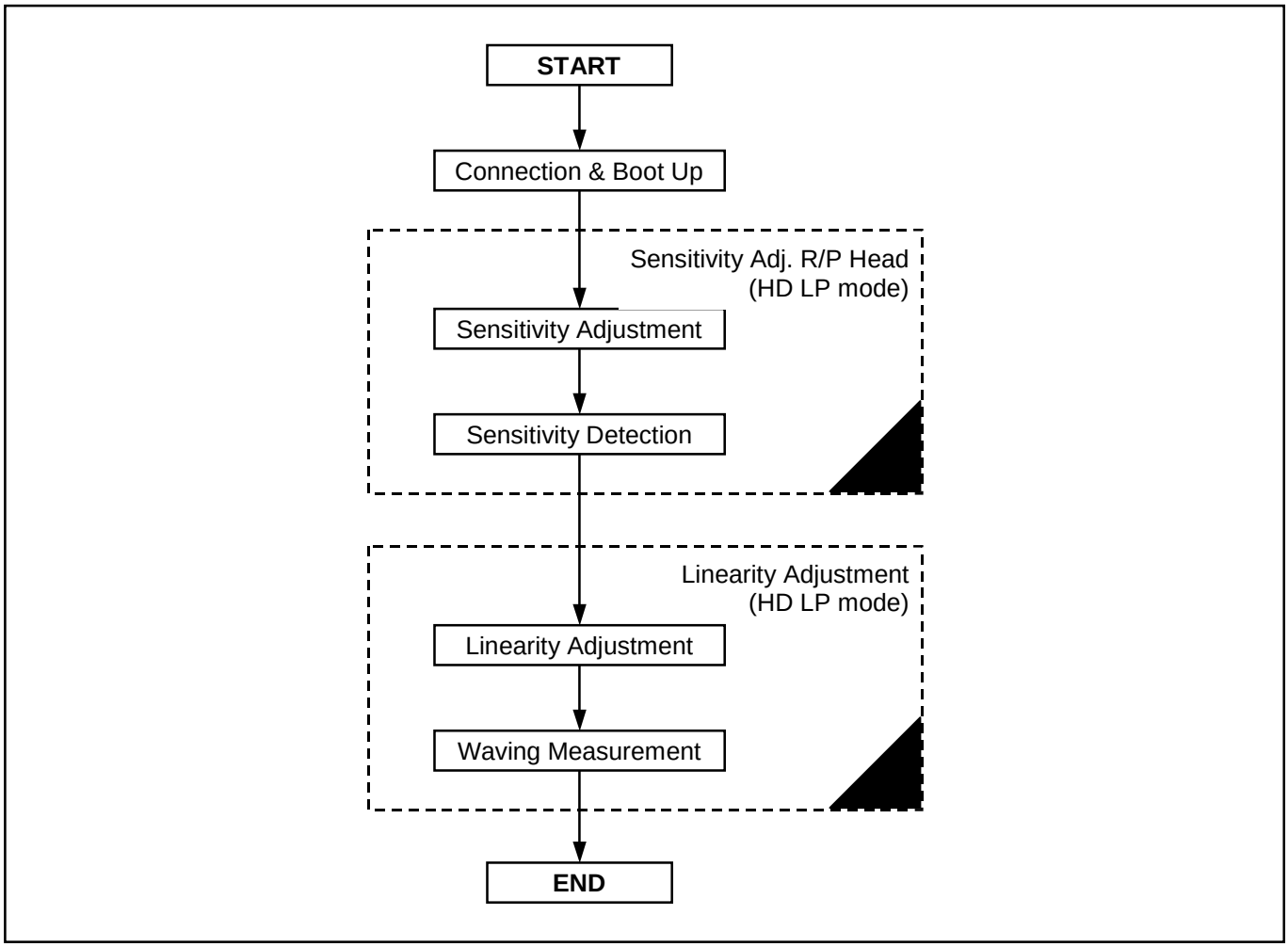


<Information>
Mode changes 25M ←→ 50M of LISTA software can be performed on the LISTA main menu by press **“0”** key on Keyboard of PC..

1-29. LISTA Adjustment Procedure (HD CAM)

Please adjust each items by following the flow chart to perform the LISTA adjustment.

1. Refer to the item “1-32. LISTA Sensitivity Adjustment & Detection” about procedure of the sensitivity adjustment and sensitivity detection.
2. Refer to the item “1-33. LISTA Linearity Adjustment & Waving Measurement” about procedure of the linearity adjustment.



1-30. LISTA Connection and Boot Up

TEST POINT	Refer to item “6. Table of Test Point for each adjustment item.”. **Click this button , then go to item “6. Table of Test Point for each adjustment item.”.**	
M. EQ.	PC (Personal Computer) (A/D board should be installed)	
TOOL	VFK1481F (LISTA Software), VFK1186 (LISTA Cable), VFK1300 (AD Converter board)	
TAPE	SD 25M VTR	NTSC: VFM3581KM(LISTA), VFM3000EDS(DV LISTA)
	SD 50M VTR	PAL: VFM3681KM(LISTA), VFM3000EDS(DV LISTA)
	SD 50M CAM	NTSC: VFM3581KM(LISTA), PAL: VFM3681KM(LISTA)
	HD CAM	VFM3781KML

1. Connect the LISTA cable to A/D Board in the PC.
2. Connect the clips of the LISTA cable to test point on the P.C.Board.
3. Boot up the LISTA software on DOS mode.

♦ How to install and boot Up ♦

Make a directory like C: LISTA and Copy all files in the VFK1481F (LISTA Software) to it on PC.

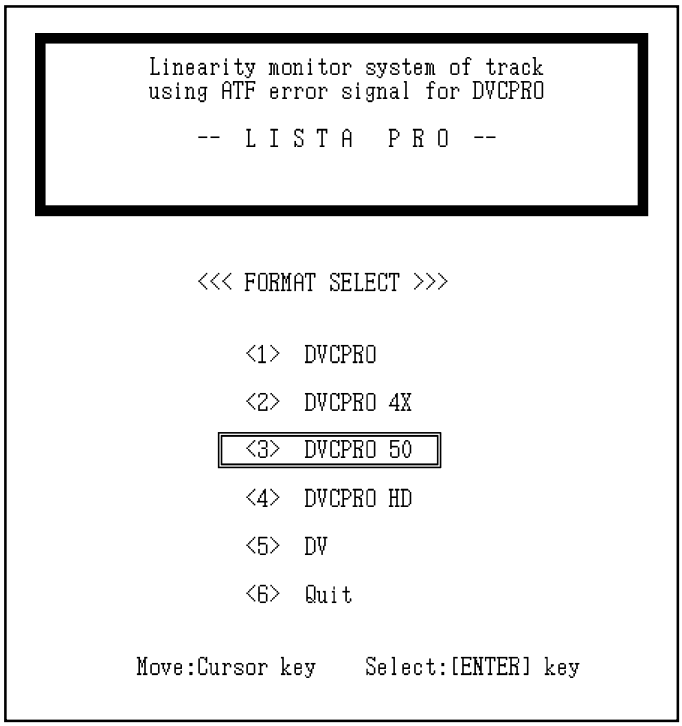
Type **“LISTA”** and press **ENTER** key, then the LISTA software VFK1481F boot up.

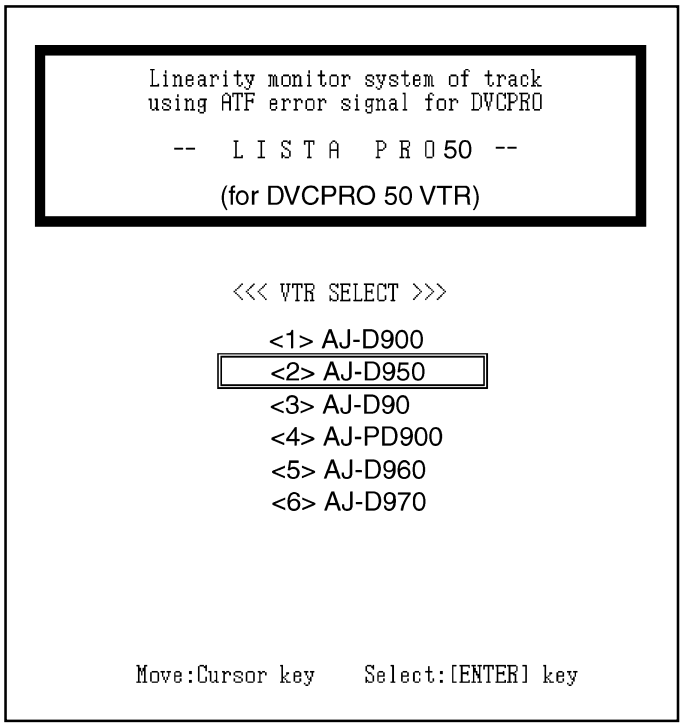
4. After the LISTA software boot up, <<< FORMAT SELECT >>> display appears. Select the format according to classified model in below indicated table “Select item in LISTA”.
5. After select the format, <<< VTR SELECT >>> display appears, and select the model in the table “Select item in LISTA” as shown below.

< Select item in LISTA >

Classified model	Selected item on FORMAT SELECT screen	Selected item on VTR SELECT screen
SD 25M VTR	DVCPRO	AJ-D750
SD 50M VTR	DVCPRO 50	AJ-D950
SD 50M CAM	DVCPRO 50	AJ-D950
HD CAM	DVCPRO HD	AJ-HDX400

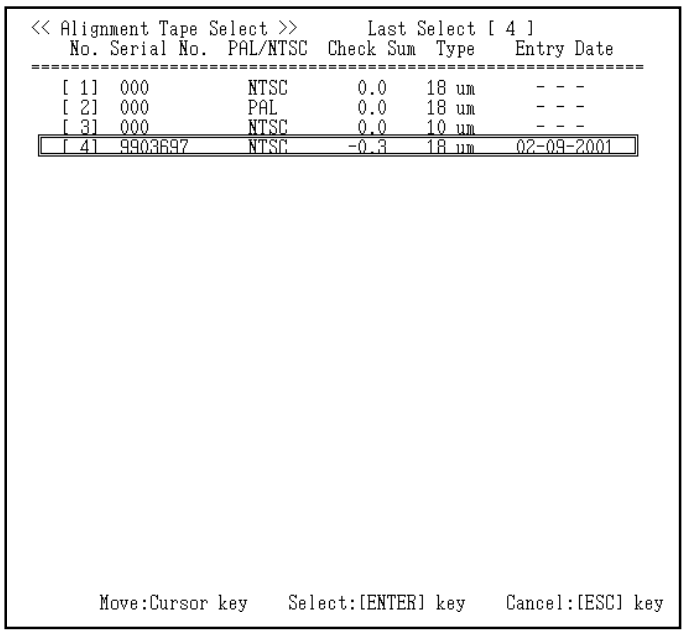
NOTE: Below figure indicated as in case of SD 50M model.



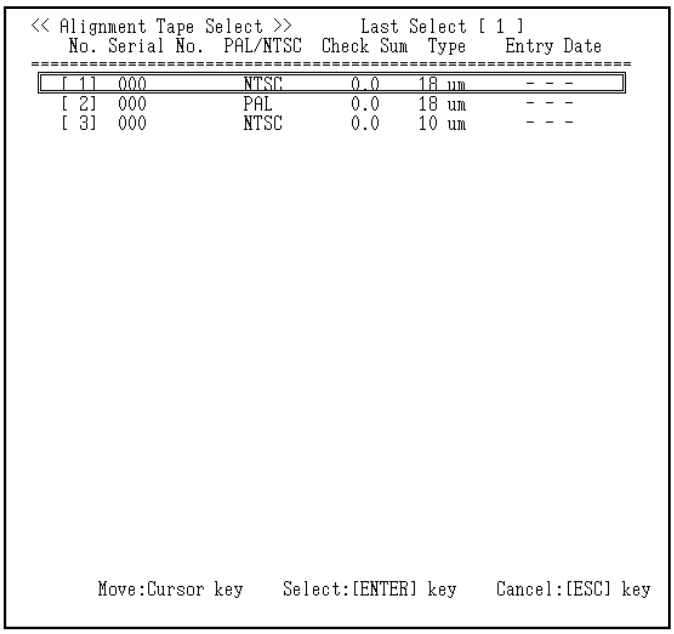


6. Next, select the Serial number of the Alignment tape on the screen. If LISTA software does not have alignment tape data registered, data entry is needed. Press the ESC key, then main menu is displayed on the screen. And select the item “<4> Alignment Tape” for entry the data on the attachment sheet, which is enclosed with alignment tape.
7. If LISTA software has data of alignment tape, select the serial number of Alignment tape, then message “ok?(y/n)” appears on the screen. And press “ Y ” or “ ENTER ” key, then LISTA main menu is displayed on screen.

<< In case, Alignment Tape data is registered already >>

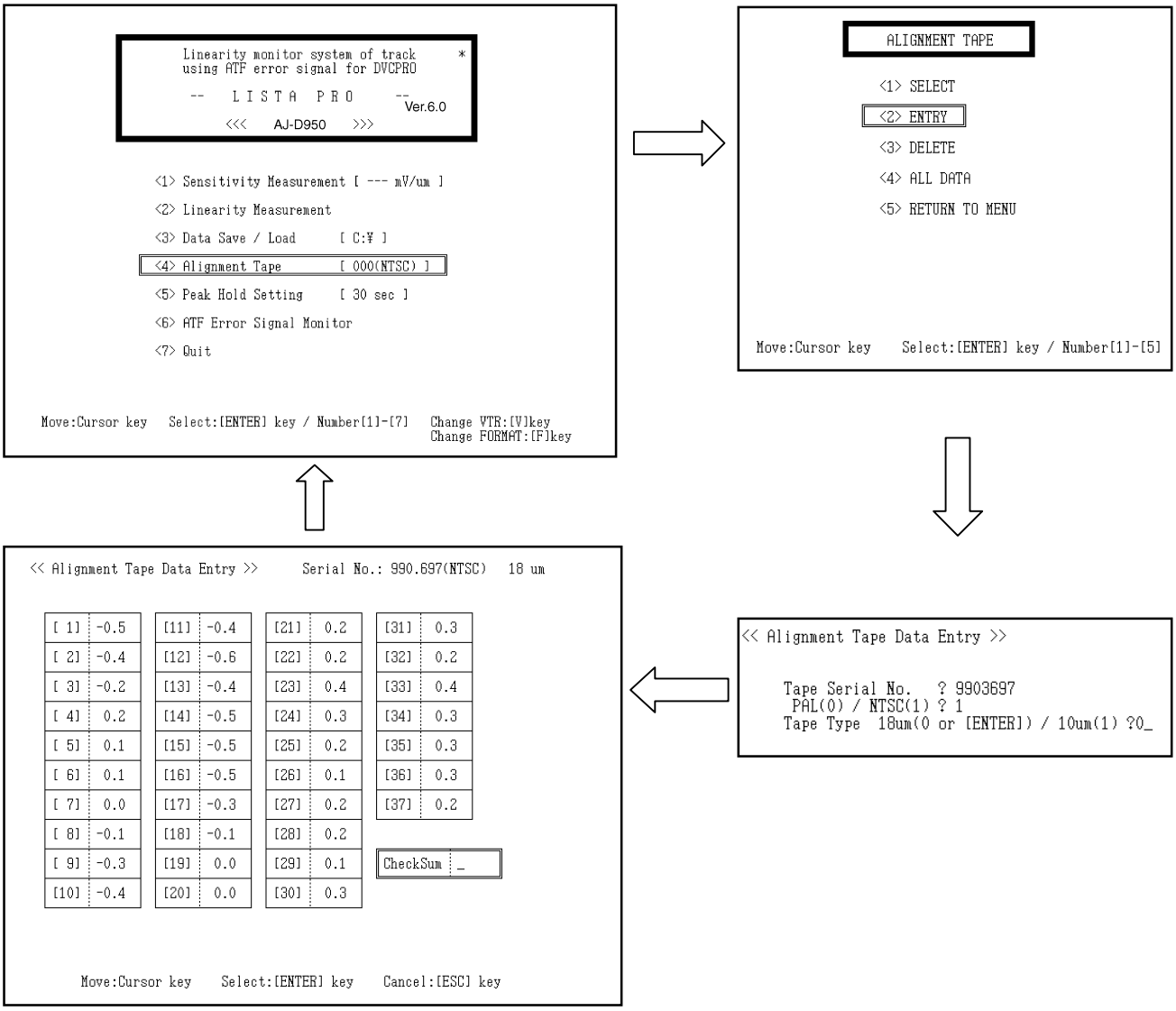


<< In case, Alignment Tape data is not registered >>



1-31. How to Entry the Attachment Data of Alignment Tape

1. Select the item “<4> Alignment Tape” on the LISTA main menu.
2. Select the item “<2> ENTRY” on the alignment menu.
3. After the screen of <<Alignment Tape Data Entry>>is displayed, first input the Serial Number of Alignment tape printed on the label. And input the number “0” or “1” to select the PAL/NTSC. And after that for entry the tape type, input to “0” for DVCPRO, input to “1” for DV or input to “2” for HDLP.
4. After select the tape type, the frame for input the DATA and CHECK SUM appears on the screen. Input the numerical value on the data sheet, which are enclosed with alignment tape. If input the wrong number, the error message appears on the screen, then confirm the data on the sheet.
5. After the data entry, the screen return to “LISTA MAIN” menu. Confirm that the serial number of the alignment tape.



1-32. LISTA Sensitivity Adjustment and Sensitivity Detection

SPEC	See below	
TEST POINT	Refer to item “6. Table of Test Point for each adjustment item.”.	
ADJUST (ATF GAIN)	**Click this button , then go to item “6. Table of Test Point for each adjustment item.”.**	
VTR MODE	SD 25M VTR	PLAY (25M and DV mode)
	SD 50M VTR	PLAY (25M, 50M and DV mode)
	SD 50M CAM	PLAY (25M and 50M mode)
	HD CAM	PLAY (HD LP mode)
TAPE	SD 25M VTR	NTSC: VFM3581KM(LISTA), VFM3000EDS(DV LISTA)
	SD 50M VTR	PAL: VFM3681KM(LISTA), VFM3000EDS(DV LISTA)
	SD 50M CAM	NTSC: VFM3581KM(LISTA), PAL: VFM3681KM(LISTA)
	HD CAM	VFM3781KML

<Specification of confirmation and adjustment according to models>

Classified model	**Adjustment Head and Specification of Sensitivity Value (mV/um) on each mode**						
	HD LP mode	50M mode		25M mode		DV Head	
	R/P Head	R/P Head	PB(L) Head	R/P Head	PB Head	R/P Head	DVR Head
SD 25M VTR	-----	-----	-----	150±15	150±15	130±30	-----
SD 50M VTR	-----	100±15	100±15	100±15	100±15	-----	130±30
SD 50M CAM	-----	150±15	-----	150±15	-----	-----	-----
HD CAM	150±15	-----	-----	-----	-----	-----	-----

<Sensitivity Adjustment Procedure>

1. Please adjust each items by following the flow chart to perform the LISTA adjustment. SD 50M model is required adjustment by 25M and 50M mode. HD model is required adjustment by HD LP mode.
2. SD 50M model is required setting on LISTA software and unit to select 25M or 50M mode. 25M and 50M mode can be changed by press “0” key on LISTA main menu about LISTA software. Please refer to item “6. Table of Test Point for each adjustment item.” about how to select 25M and 50M mode in the Unit.
3. Set the adjustment mode.(Please refer to item “6. Table of Test Point for each adjustment item.” about how to set adjustment mode).

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

4. Connect the each clips of LISTA cable to the test point.
5. Playback the LISTA Alignment Tape.
6. Select the item “<6> ATF Error Signal Monitor” on the LISTA main menu, and after message “1.2% Speed. . .” appears on the screen, press the Enter key, then sensitivity value and waveform appear on the screen as shown figure 1-32-1.
7. When the picture is appeared as shown in figure 1-32-1, adjust EVR on service menu so that the “Sens. Value” on the upper right corner of the screen is within the specification(Please refer to item “6. Table of Test Point for each adjustment item.” about how to change the numerical value and data renewed of EVR).

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

8. After finish this adjustment, press the ESC key to return the main menu.

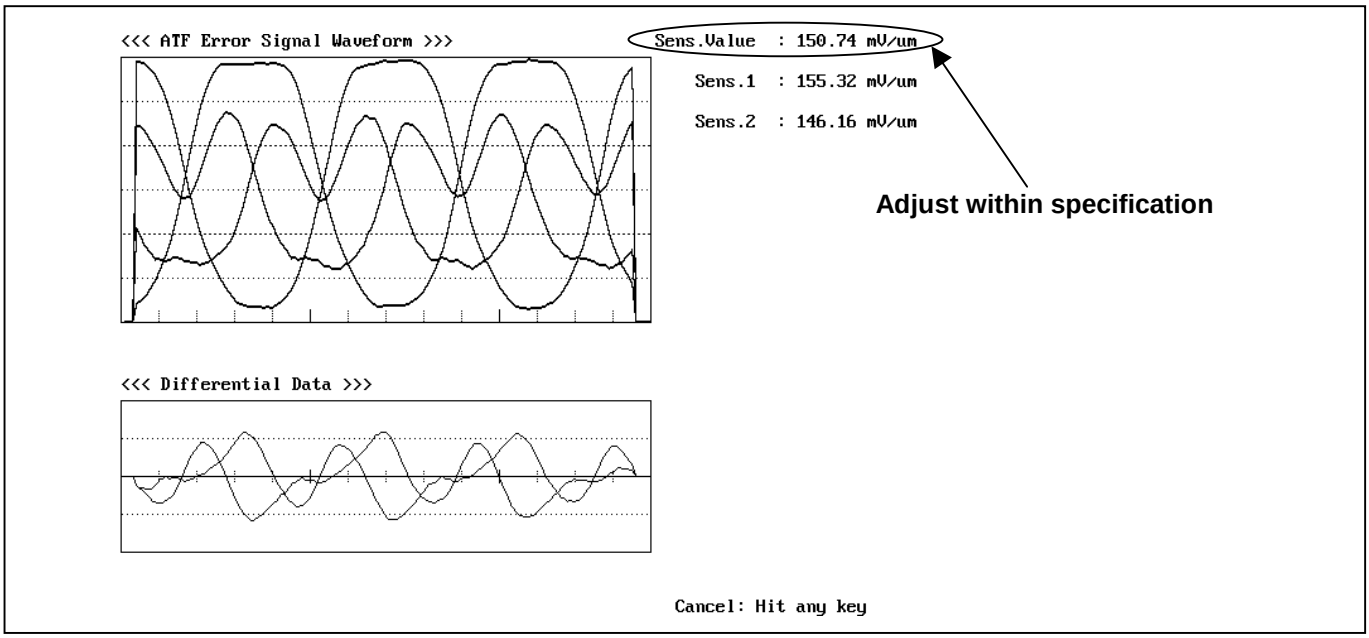
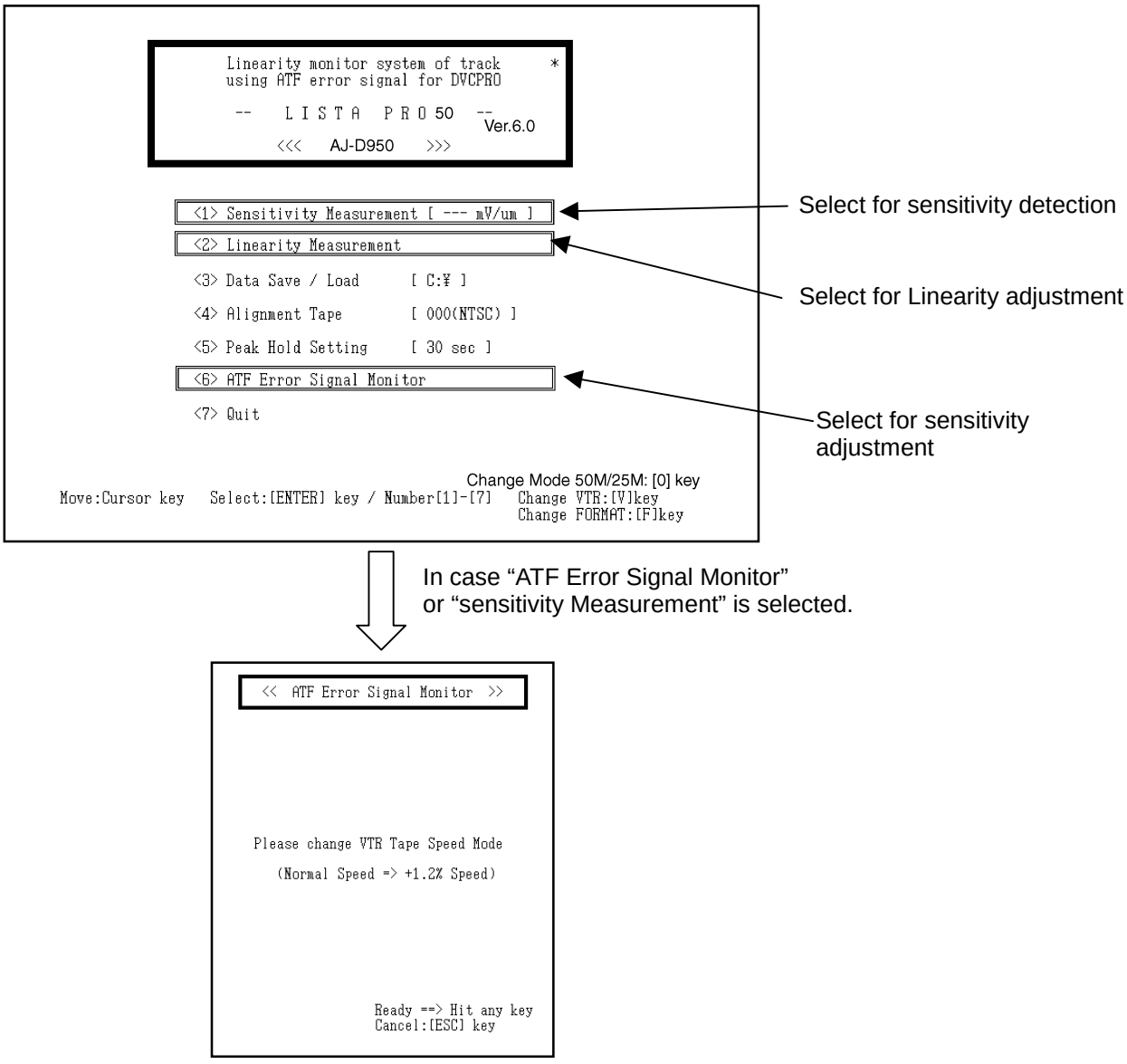

<<< ATF Error Signal Waveform >>>
Sens.Value : 150.74 mV/um
Sens.1 : 155.32 mV/um
Sens.2 : 146.16 mV/um
Adjust within specification
<<< Differential Data >>>
Cancel: Hit any key

Figure 1-32

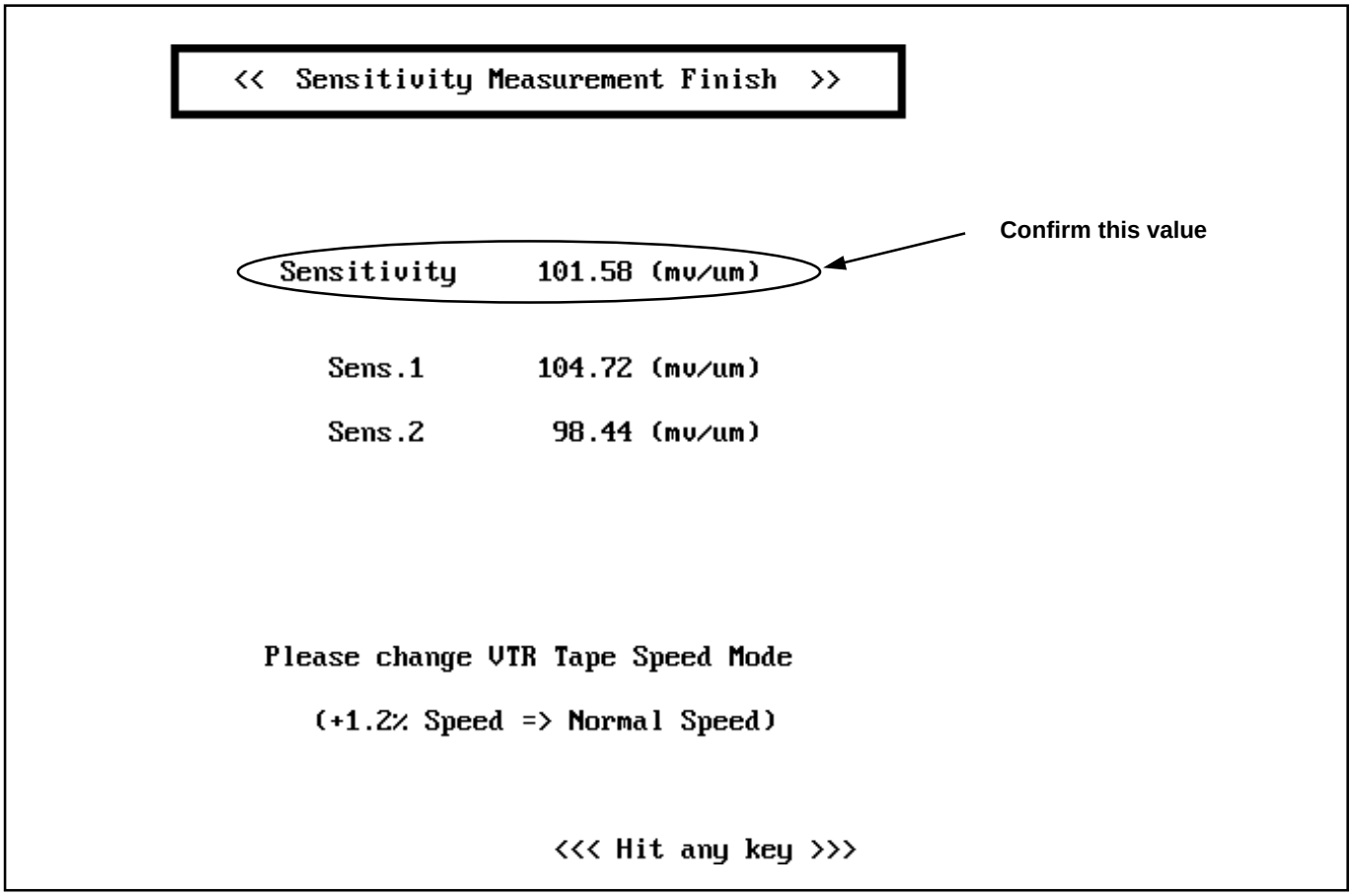

Linearity monitor system of track
using ATF error signal for DVCPRO
-- L I S T A P R O 50 --
Ver.6.0
<<< AJ-D950 >>>
<1> Sensitivity Measurement [--- mV/um]
<2> Linearity Measurement
<3> Data Save / Load [C:¥]
<4> Alignment Tape [000(NTSC)]
<5> Peak Hold Setting [30 sec]
<6> ATF Error Signal Monitor
<7> Quit
Change Mode 50M/25M: [0] key
Move:Cursor key Select:[ENTER] key / Number[1]-[7] Change VTR:[V]key
Change FORMAT:[F]key
Select for sensitivity detection
Select for Linearity adjustment
Select for sensitivity adjustment
In case “ATF Error Signal Monitor”
or “sensitivity Measurement” is selected.
<< ATF Error Signal Monitor >>
Please change VTR Tape Speed Mode
(Normal Speed => +1.2% Speed)
Ready ==> Hit any key
Cancel:[ESC] key

<Sensitivity Detection Procedures>

1. Please adjust each items by following the flow chart to perform the LISTA adjustment. SD 50M model is required adjustment by 25M and 50M mode. HD model is required adjustment by HD LP mode.
2. SD 50M model is required setting on LISTA software and unit to select 25M or 50M mode. 25M and 50M mode can be changed by press “0” key on LISTA main menu about LISTA software. Please refer to item “6. Table of Test Point for each adjustment item.” about how to select 25M and 50M mode in the Unit.
3. Set the adjustment mode.(Please refer to item “6. Table of Test Point for each adjustment item.” about how to set adjustment mode).

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

4. Connect the each clips of LISTA cable to the test point.
5. Playback the LISTA Alignment Tape.
6. Select the item “<1> Sensitivity Measurement” on the LISTA main menu, and then “1.2% Speed. . .” appears on the screen. Press the Enter key, and then start measurement of the sensitivity value.
7. Confirm the sensitivity value is within the specification on the <<Sensitivity Measurement Finish>> screen.
8. If it is out of specification, repeat the step item 6 and 7.
9. If still out of specification, execute the “Sensitivity Adjustment” again.



1-33. LISTA Linearity Adjustment and Waving Measurement

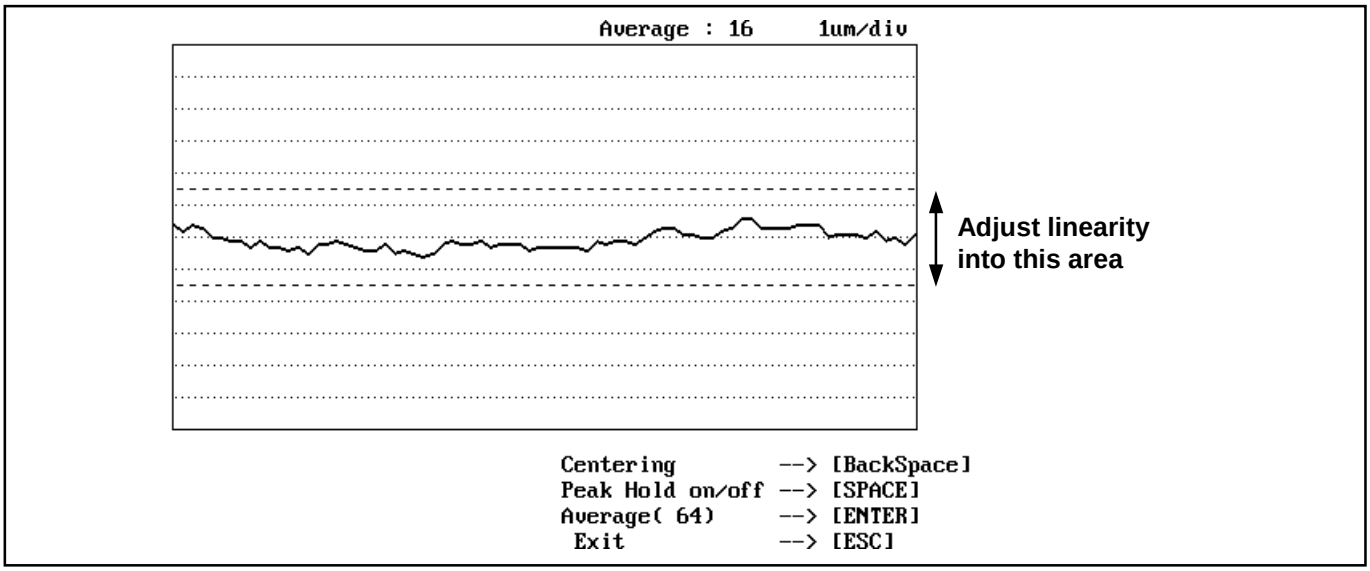
SPEC	Linearity : less than 3um, Waving : less than 1.5um	
TEST POINT	Refer to item “6. Table of Test Point for each adjustment item.”.	
ADJ. MODE	**Click this button , then go to item “6. Table of Test Point for each adjustment item.”.**	
ADJUST	S1 and T1 Post Height	
TOOL	VFK1149B (Post Driver)	
VTR MODE	SD 25M VTR	PLAY (25M mode)
	SD 50M VTR & CAM	PLAY (25M and 50M mode)
	HD CAM	PLAY (HD LP mode)
TAPE	SD VTR & CAM	NTSC: VFM3581KM(LISTA), PAL: VFM3681KM(LISTA)
	HD CAM	VFM3781KML(LISTA)

1. Please adjust each items by following the flow chart to perform the LISTA adjustment. SD 50M model is required adjustment by 25M and 50M mode. HD model is required adjustment by HD LP mode.
2. SD 50M model is required setting on LISTA software and unit to select 25M or 50M mode. 25M and 50M mode can be changed by press “0” key on LISTA main menu about LISTA software. Please refer to item “6. Table of Test Point for each adjustment item.” about how to select 25M and 50M mode in the Unit.
3. Set the adjustment mode.(Please refer to item “6. Table of Test Point for each adjustment item.” about how to set adjustment mode).

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

4. Connect the each clips of LISTA cable to the test point.
5. Playback the LISTA Alignment Tape.
6. Select the item “<2> Linearity Measurement” on the LISTA main menu, and then linearity waveform appears on the screen.
7. When the waveform as shown below is displayed on the screen, press the “BS (Back Space)” key to move the waveform at the center of the scale on screen. Adjust S1 and T1 post height by using the post driver so that the linearity waveform becomes as flat as possible, and it should be within the specification.

♦ Adjust linearity, to have waveform in between the red dot lines on the screen.

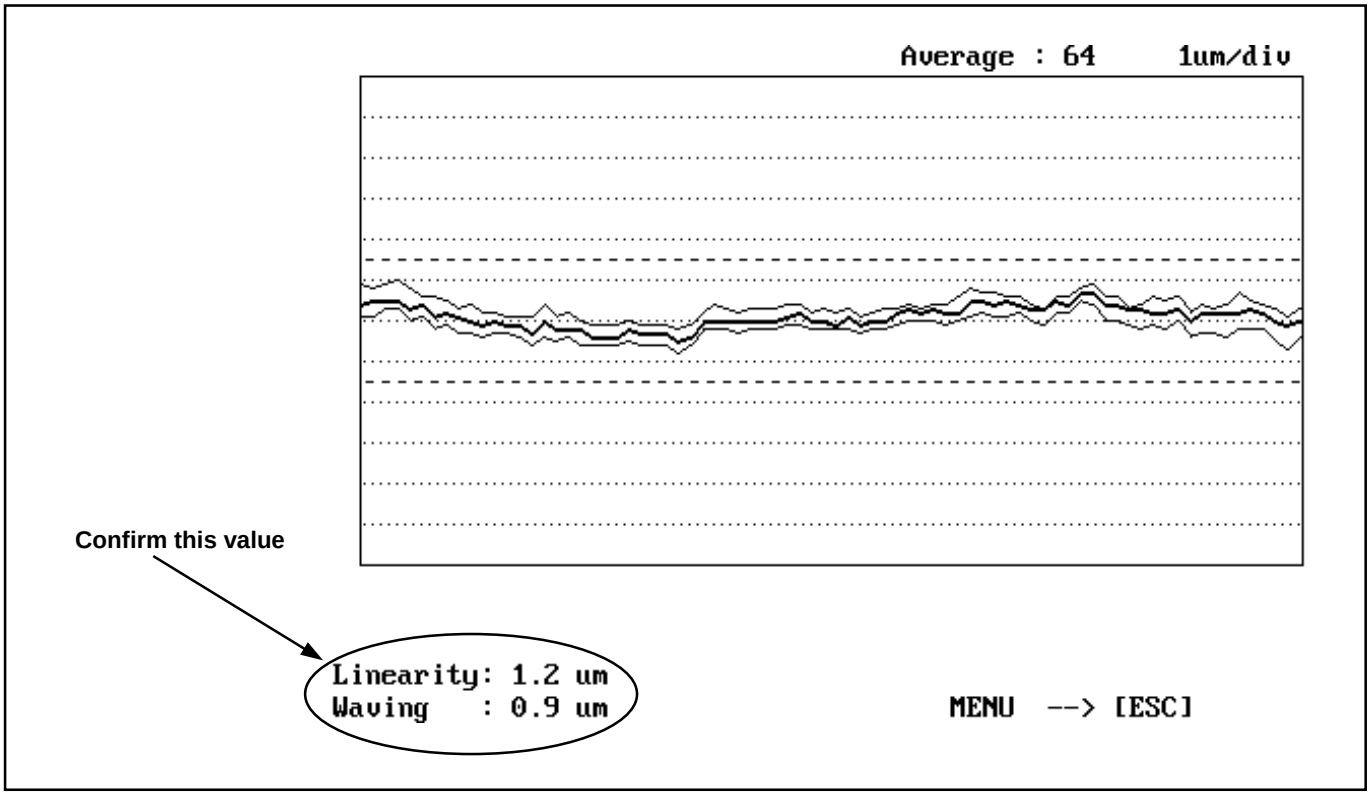


POINT :
The part of left side of waveform (entrance side) is adjusted by height of S1 post and part of right side of waveform (exit side) is adjusted by height of T1 post.
Lower part of above waveform of figure is displayed lead of Cylinder.
When the post driver is removed from upper part of post, linearity waveform may be changed.
After finish this adjustment, eject the tape and insert the tape again to confirm the shape of linearity waveform isn’t changed.

8. After finish the Linearity Adjustment, measure the numerical value of linearity and waving.

Waving Measurement Procedures

1. Press “SPACE” key to perform the Peak Hold in 30 seconds when linearity is displayed.
2. After finish the Peak Hold, press “SHIFT” and “ } ” key simultaneously on the Key Board, then the numerical values of “Linearity” and “Waving” is displayed on left lower portion of screen. And confirm the numerical values are in the specification. Also confirm the waving is same level from entrance side to exit side. If the “Linearity” and “Waving” are out of specification and also it caused by insufficient limit of entrance or exit side of envelope, adjust height of S1 and T1 post.
3. After this measurement is finished, press the ESC key to return to the main menu.



Information : How to save the LISTA Data
Linearity waveform data and measurement value of linearity and waving can be saved as one file data to PC.

1. Basically this operation should be performed after linearity and waving measurement is finished.
2. Select the item “<3> Data Save/Load” on the LISTA main menu, and select the item “<1> Save”.
3. The linearity waveform as Peak Hold is displayed on the screen, and message “File Name?” appears on the screen. Then entry the File Name less than 8 letters. And after message “Comment?” appears on the screen, then entry the Comment less than 20 letters. As comment, entry the Serial Number, Model Number, Head Rotation Hours etc to use them for management of each VTR’s linearity data.
4. After completion of saving, select the item “<2> Load” of the item “<3> Data Save/Load”, then the saved File Name appears on the screen. And select previously saved file to confirm the waveform and numerical value is displayed correctly. By pressing “SHIFT” and “ } ” key simultaneously on the Key Board, the numerical values of “Linearity” and “Waving” is displayed on left lower portion of screen.

1-34. Self-REC/PLAY Envelope Waveform Confirmation

SPEC.	All of the head output are within the specification as shown below. Confirm in the 50M mode when the VTR or Camera Recorder is 50M models. Confirm in the HD mode when the VTR or Camera Recorder is HD models. · When using the M Cassette (66 min.) or L Cassette (126 min.) V1/Vmax, V3/Vmax ≥ 0.7 V2/Vmax ≥ 0.8 · When using the Long Time L Cassette (Long play cassette compatible models only) V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.7 V4/Vmax ≥ 0.5
TEST POINT	Refer to item "6. Table of Test Point for each adjustment item.". **Click this button , then go to item "6. Table of Test Point for each adjustment item.".**
M. EQ.	Oscilloscope
TAPE	• M Cassette (66 min.) or L Cassette (126 min.) • Long play L Cassette (Long play cassette compatible models only)

1. Record the color bar signal.
2. Playback the just recorded portion, and confirm the envelope output is within the specification.
3. Please refer to figure 1-34-2, when confirm that the exit side of envelope with long play cassette compatible models.
4. Regarding the long play cassette compatible models, envelope waveform should be confirmed by using long play cassette, too.
5. If it is out of specification, perform the "ENV Waveform Adjustment" and "LISTA Adjustment" again.

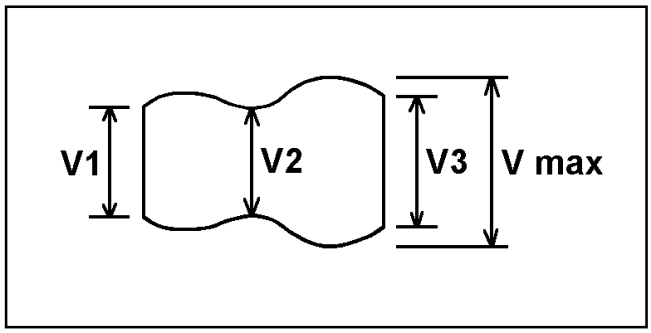


Figure 1-34-1 Envelope Waveform

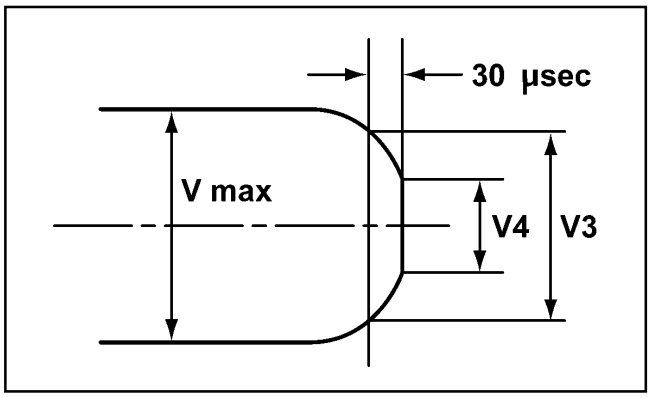


Figure 1-34-2 Exit side of Envelope Waveform (Long play cassette compatible models only)

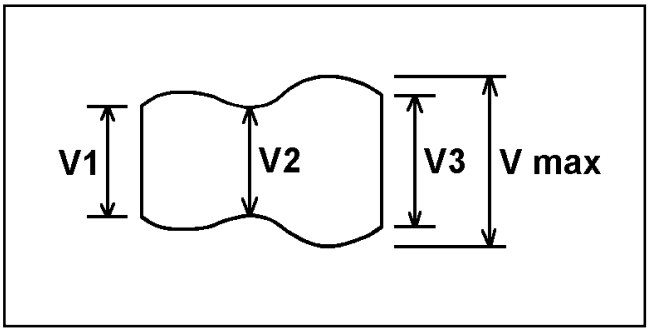
1-35. DV Playback Envelope Waveform Confirmation (DV Playback compatible model only)

SPEC.	V1/Vmax, V2/Vmax, V3/Vmax ≥ 0.8
TEST POINT	R/P ENV : Refer to item “6. Table of Test Point for each adjustment item.”
MODE	PLAY
M. EQ.	Oscilloscope
TAPE	**NTSC:** VFM3010EDS (DV Color bar) **PAL:** VFM3110EDS (DV Color bar)

Click this button , then go to item “6. Table of Test Point for each adjustment item.”.

This confirmation should be performed for only DV playback compatible models shown below.

1. Playback the DV color bar alignment tape.
2. Confirm that the envelope output is within the specification.
3. If it is out of specification, perform the “ENV Waveform Adjustment” and “LISTA Adjustment” again.



2. Major Mechanical Parts Replacement & Adjustment Procedures

GENERAL

When mechanical parts are replaced, pay attention to the following notes.

1. Always turn power off before replacing any parts.
2. If any adjustment is required after replacing parts, perform the required adjustment.
3. Use proper tools and fixtures.
4. Be sure to clean the parts after replacement, and also to replace the mechanical parts, follow the replacement procedure.

2-1. Cylinder Unit Replacement

(Removal)

1. Remove the T1 Guide and Cleaning Arm Unit. (Please refer to item "2-2. Cleaning Arm Unit Replacement")
2. Unscrew the screw (B) which fix the cable (B) as shown in Figure 2-1-2.
3. Remove the flexible cable which connected to connector (A) on the P.C.Board (A) as shown in 1-1-1.

Click this button , then go to item "7. Table of Connector".

4. Unscrew the 3 screws which have spring from the Cylinder Unit as shown as Figure 2-1-1, then remove the Cylinder Unit without touching any mechanical parts as shown in Figure 2-1-2

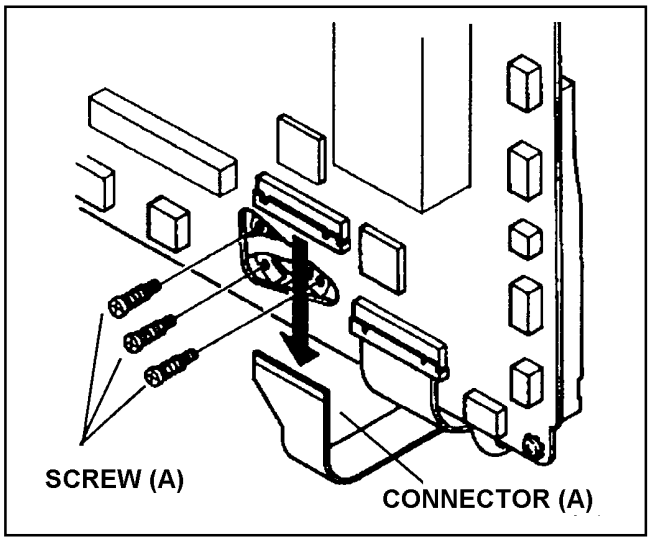


Figure 2-1-1

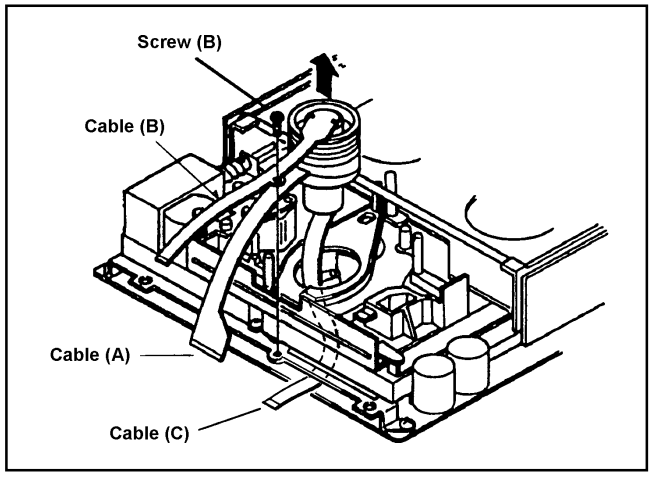


Figure 2-1-2

NOTE:
Don't touch the cylinder by finger directly, when pull out the Cylinder Unit.

(Installation)

1. Install the new Cylinder Unit according to the opposite procedures of removing.

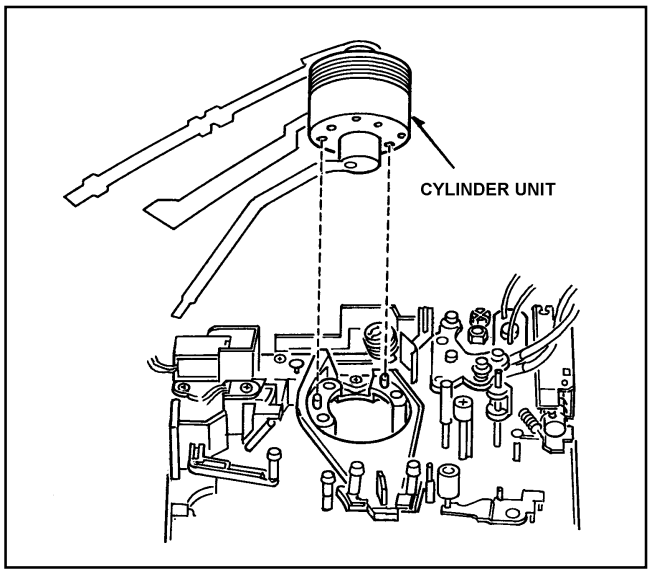


Figure 2-1-3

NOTE:
When installing the Cylinder Unit, the pin on Mech. Chassis should match with holes of Cylinder Unit as shown in Figure 2-1-3.

2. After installing the T1 Guide, T1 Guide Position Adjustment should be performed.
   (Please refer to item "2-2. Cleaning Arm Unit Replacement" and "2-3. T1 Guide Position Adjustment")

2-2. Cleaning Arm Unit Replacement

(Removal)

1. Unscrew the 2 screws (A) and remove the T1 Guide as shown in Figure 2-2.
2. Widen the tip of the cleaner arm, lift up the cleaning arm unit and remove the spring and washer. Tip portion of the cleaner arm (B) is shown in Figure 2-2.

(Installation)

1. Install the spring and washer.
2. Insert Cleaning Arm Unit temporary to T2 Arm Unit. Install the spring to between Cleaner Base Plate and Cleaning Arm Unit, and insert Cleaner Arm Unit to T2 Arm Unit perfectly.
3. Rotate the cylinder by hand in the pressing the core of the Cleaner Solenoid, and confirm that the Cleaner Roller rotate.
4. Install the T1 Guide.
5. After install the T1 Guide, please perform the item "1-3. T1 Guide Position Adjustment".

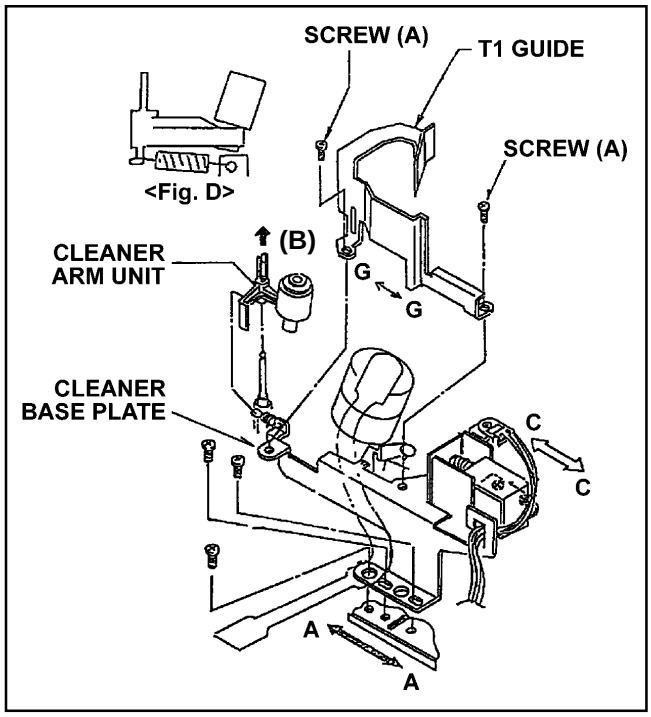


Figure 2-2

2-3. T1 Guide Position Adjustment

1. Place the unit to loading condition without the tape (No tape loading procedure is mentioned on item "7. Table of Connector.").

Click this button , then go to item "7. Table of Connector".

2. Observe the clearance (B) between T1 Guide and T1 post as shown in Figure 2-3, and make sure that it is within 0.2mm to 0.5mm.
3. If not, loosen the 2 screws (A) and adjust the position of the T1 Guide moves to direction of arrow (G ⟷ G) so that the clearance (B) is within the specification. And tighten the 2 screws (A).

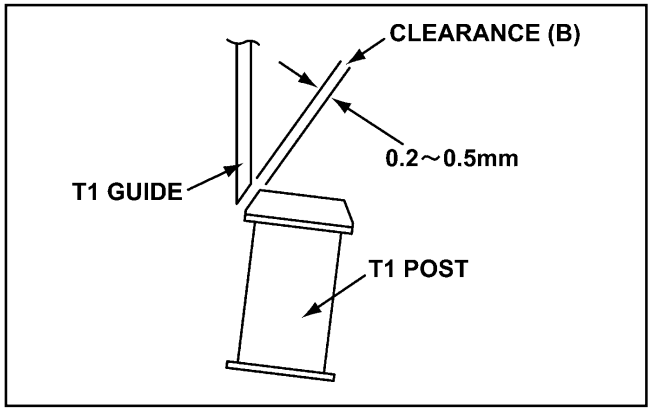
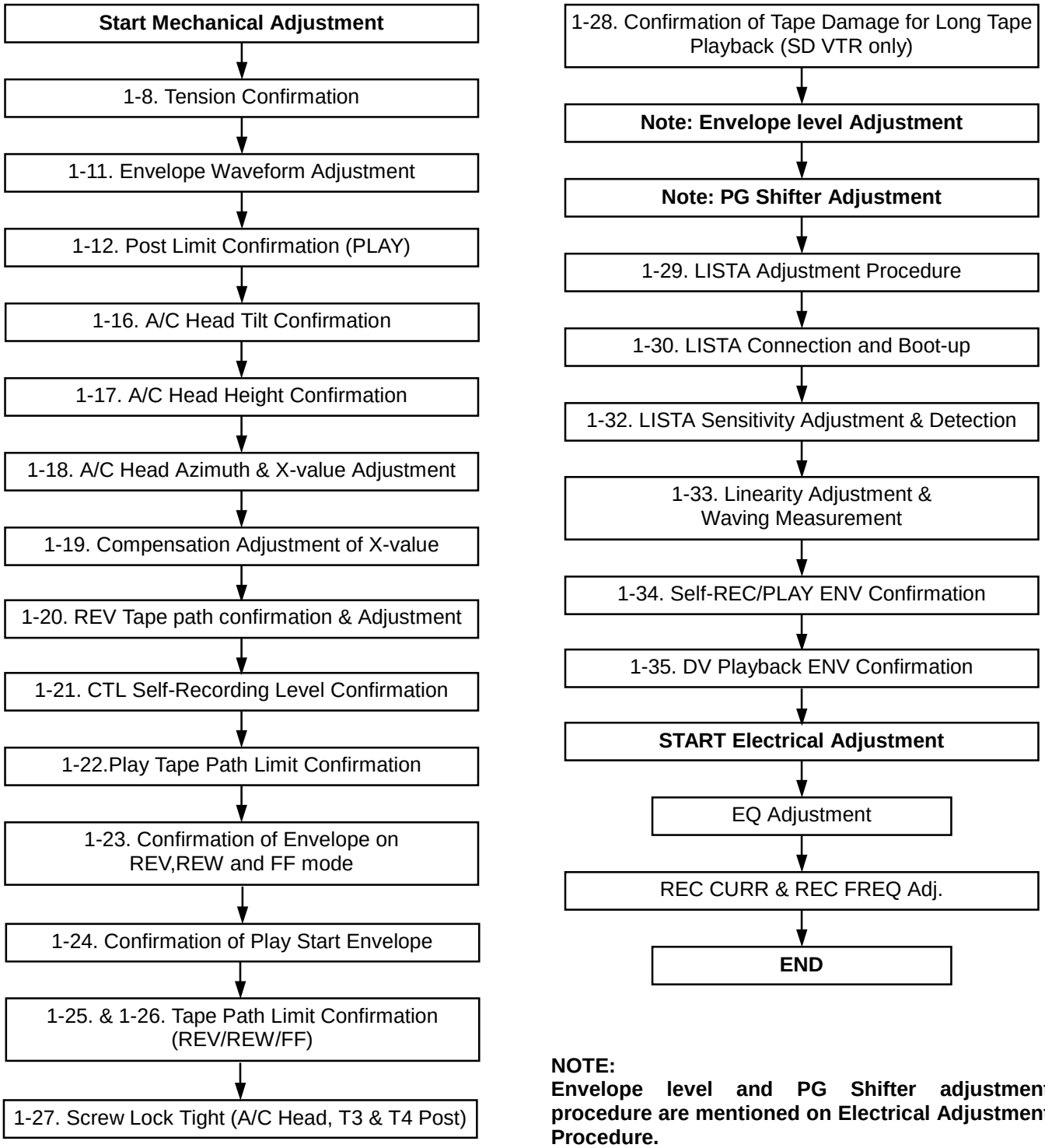


Figure 2-3

2-4. Adjustment Flow Chart After Cylinder Unit Replacement

1. After change the Cylinder Unit, please perform the adjustment and confirmation as following flow chart.



NOTE:
Envelope level and PG Shifter adjustment procedure are mentioned on Electrical Adjustment Procedure.

2-5. Supply & Take-up Reel Rotor Unit Replacement (In case of Studio VTR)

(Removal)

1. Disconnect the **connector (A)** and **(B)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Move the S1 post to loading direction by manual ejecting method until the screw (C) can be removed as shown in Figure 2-5-1.
3. Confirm the supply and Take Up Brake are not released.
4. Press the iron core of M stopper solenoid to release the M stopper.
5. Remove the 4 screws (C), (D) and (E) as shown in Figure 2-5-1.
6. Remove the Supply and Take Up Reel Rotor Unit and Reel Outer Rail as shown in Figure 2-5-2.

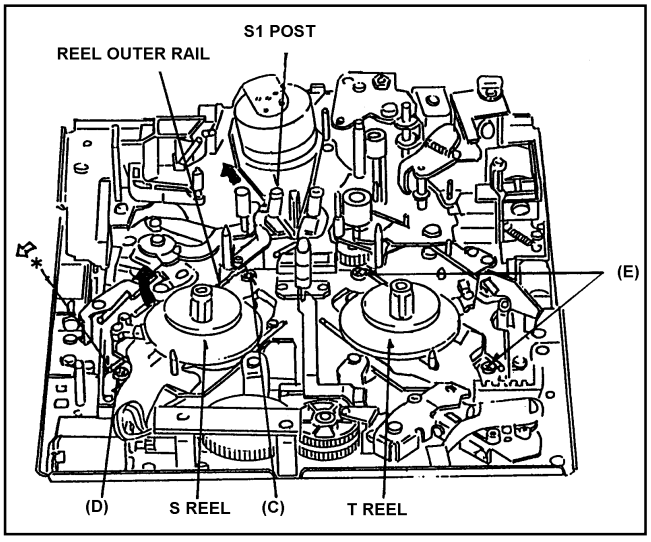


Figure 2-5-1

NOTE:

Confirm the groove position of Reel Base, and then insert the pin of Drive Arm Unit.

(Installation)

1. Install in the Reel Outer Rail to New Supply and Take Up Reel Rotor Unit.
2. Hang on the Reel Rotor Unit to Reel Inner Rail and Install the Reel Rotor Unit then the pin of Drive Arm Unit should match with groove position of Reel Base as shown in Figure 2-5-2.
3. Install the 4 screws (C), (D) and (E).
4. Confirm that the Reel Rotor Unit moving smoothly on the Rail by hand.
5. Move the Reel Rotor Unit to front side by hand and then pull up the iron core of M stopper solenoid for operating M stopper.
6. Set the unloading condition by turning the Emergency shaft counter-clockwise.
7. Confirm that the Main Brake Torque.
8. Connect the Flexible Cable to **connector (A)** and **(B)** on the **P.C.Board (A)**.
9. Adjust the S Reel Motor Torque Offset value.
10. Adjust the T Reel Motor Torque Offset value.
11. Confirm the Tension value on playback mode.

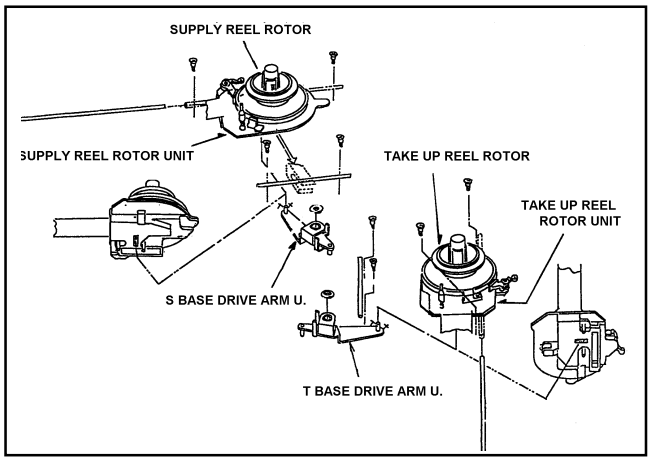


Figure 2-5-2

2-5. Supply & Take-up Reel Rotor Unit Replacement (In case of Camera Recorder)

<Supply Reel Rotor Unit Replacement>

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Remove the S5 Post. (Refer to item "2-17")
3. Pull up the Arm Return Spring on the Connection Arm Angle Side.
4. Remove the Connection Arm Angle.
5. Remove the Cut Washer (A) and (B) to remove the Idler Arm Unit as shown in Figure 2-5-3.
6. Unscrew the 4 screws (C) to remove the Supply Reel Rotor Unit.
7. Unscrew the 2 screws (D) to remove the S-Side M Stopper from Supply Reel Rotor Unit.

CAUTION:
Don't touch FG portion with the magnetized screw driver , when unscrewing the screw (D).

(Installation)

1. Install the new Supply Reel Rotor Unit according to the opposite procedures of removing.
2. Confirm that the Main Brake Torque.
3. Adjust the Motor Torque Offset value.
4. Confirm the tape tension at playback mode.

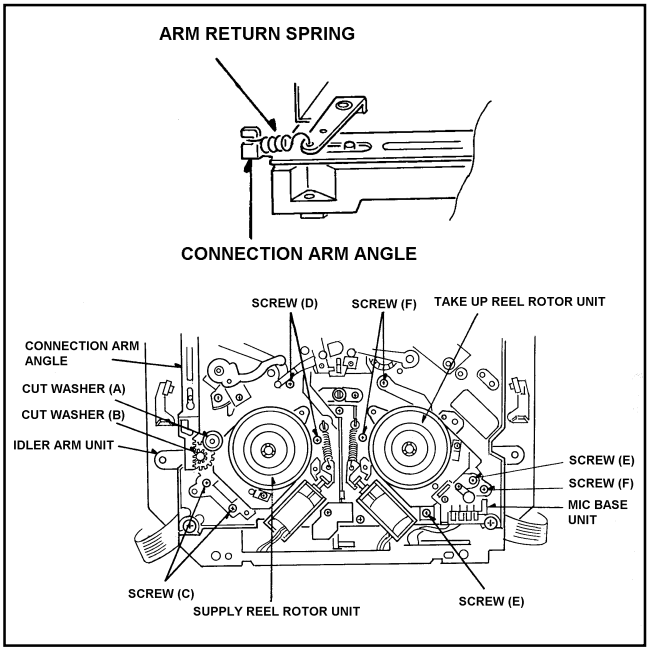


Figure 2-5-3

<Take-up Reel Rotor Unit Replacement>

(Removal)

1. Disconnect the **connector (B)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrews the 2 screws (E) ,and then remove the MIC Base Unit as shown in Figure 2-5-3.
3. Unscrew the 3 screws (F) to remove the Take Up Reel Rotor Unit as shown in Figure 2-5-3.
4. Unscrew the 2 screws (G) to remove the T-Side M Stopper from Take Up Reel Rotor Unit as shown in Figure 2-5-3.

CAUTION:
Don't touch FG portion with the magnetized screw driver when unscrewing the screw (D).

(Installation)

1. Install the new Take Up Reel Rotor Unit according to the opposite procedures of removing.
2. Confirm that the Main Brake Torque.
3. Adjust the Motor Torque Offset value.
4. Confirm that the tape tension on playback mode.

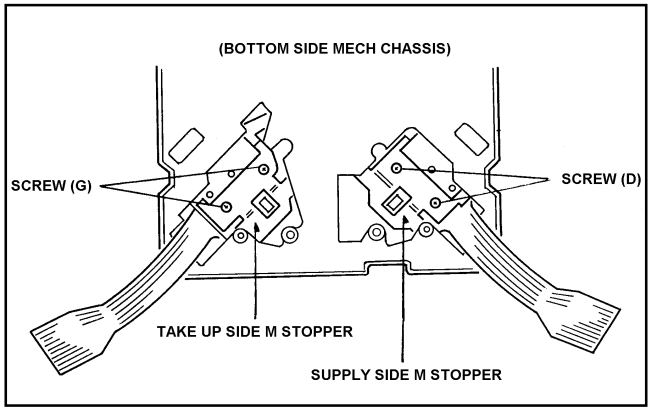


Figure 2-5-4

2-6. Main Brake Torque Confirmation

TEST	S Reel, T Reel
MODE	EJECT (Power OFF)
TOOL	Torque Gauge (VFK71A, VFK1191A) Torque Gauge Adapter (VFK1152)
SPEC	Direction A
	Refer to item “7. Table of connector”
	Direction B
	Refer to item “7. Table of connector”

Click this button , then go to item “7. Table of Connector”.

1. Install the adapter (VFK1152) to the torque gauge (VFK71A).
2. Put the torque gauge on S Reel and turn the torque gauge to direction A until S Reel slips against brake.
3. Confirm the torque is within the specification.
4. Put the torque gauge on T Reel and turn the torque gauge to direction A until T Reel slips against brake.
5. Confirm the torque is within the specification.
6. Install the adapter (VFK1152) to the torque gauge (VFK1191A).
7. Put the torque gauge on S Reel and turn the torque gauge to direction B until S Reel slips against brake.
8. Confirm the torque is within the specification.
9. Put the torque gauge on T Reel and turn the torque gauge to direction B until T Reel slips against brake.
10. Confirm the torque is within the specification.

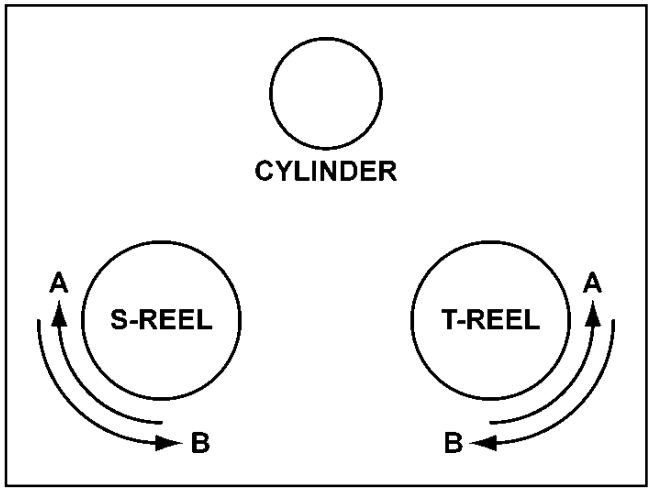


Figure 2-6

2-7. Supply & Take-up Brake Arm Unit Replacement (Studio VTR only)

(Removal)

1. Press the iron core of Brake Solenoid to release the Brake.
2. Remove the cut washers (A) and remove the supply and Take Up Brake Arm Unit as shown in Figure 2-7.

(Installation)

1. Install the new Supply and Take-up Brake Arm Unit follow the previous steps in reverse order.

NOTE: Hang on the Brake Arm Spring as shown in Figure 2-7.

2. Perform the Main Brake Torque confirmation.

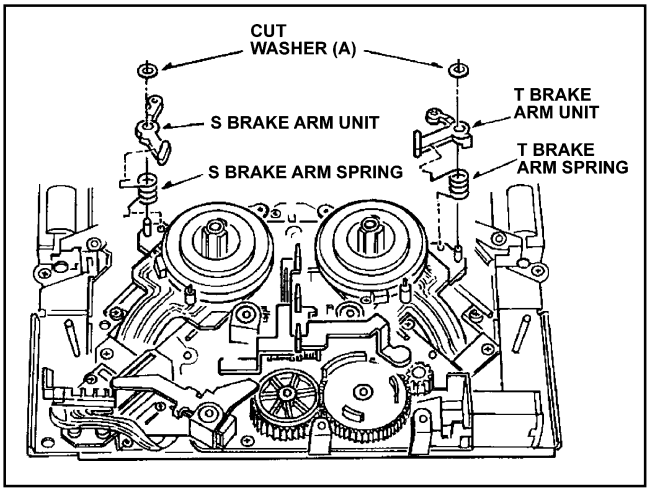


Figure. 2-7

2-8. Supply Brake Solenoid Replacement and Adjustment (Studio VTR only)

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the Supply Brake Solenoid Base Unit as shown in Figure 2-8-1.
3. Unscrew the 2 screws (B) and remove the supply Brake Solenoid from Supply Brake Solenoid Base Unit as shown in Figure 2-8-1.

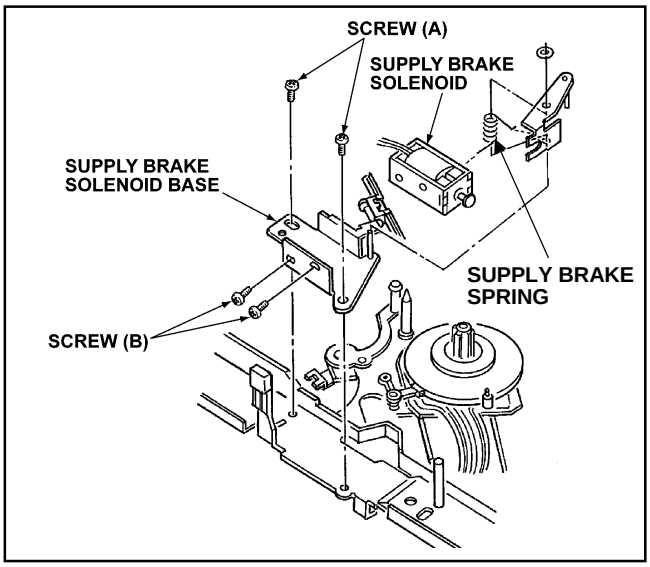


Figure. 2-8-1

(Installation)

1. Install the new supply Brake Solenoid following the removal steps in reverse order.

NOTE: Hang on the Brake Arm Spring as shown in Figure 2-8-1.

2. After installing, perform the position adjustment as following procedures.

(Adjustment Procedures)

1. Place the reels in the M cassette size position.
2. Observe the clearance (A) between Brake pad and it's turntable as shown in Figure 2-8-2. And make sure that it is within 0.2 to 0.5mm.
3. If not, loosen the 2 screws (A), which fixed supply and Take Up Brake Solenoid Unit. And adjust the position of Brake Solenoid Unit by moving arrow direction so that the clearance (A) is within the specification. And tighten the 2 screws (A).
4. After adjustment, change the reel position to S and L cassette size, and confirm that the clearance (A) is within the specification.

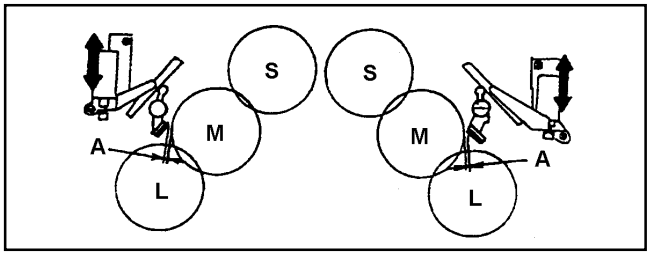


Figure 2-8-2

2-9. Take-up Brake Solenoid Replacement and Adjustment (Studio VTR only)

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the Take Up Brake Solenoid Base Unit as shown in Figure 2-9.
3. Unscrew the 2 screws (B) and remove the Take Up Brake Solenoid from Take Up Brake Solenoid Base Unit as shown in Figure 2-9.

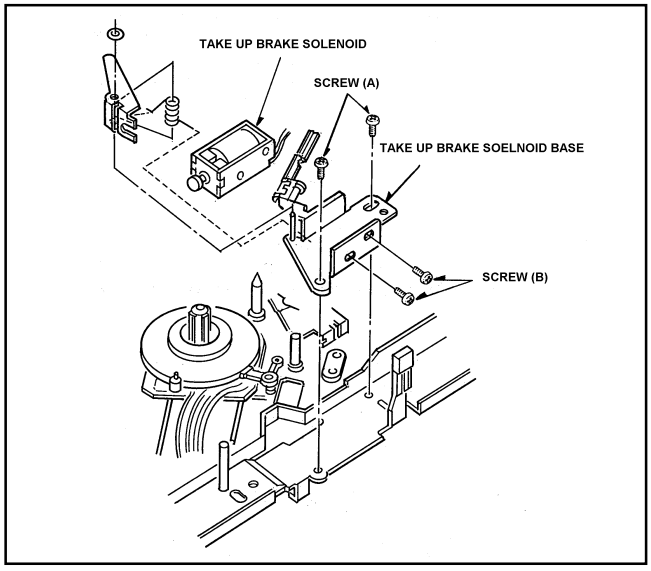


Figure 2-9

(Installation)

1. Install the new Take up Brake Solenoid following the removal steps in reverse order.

Note: Hang on the Take up Brake Spring as shown in Figure 1-9.

2. After installation, position adjustment should be performed as follows.

(Adjustment Procedures)

1. Please adjust the position of Take up Brake Solenoid Unit following the adjustment procedure, which is described in item "2-8. Supply Brake Solenoid Replacement and Adjustment".

2-10. Pinch Solenoid Replacement

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the Pinch Solenoid Unit as shown in Figure 2-10.
3. Unscrew the 2 screws (B) and remove the Pinch Solenoid Angle as shown in Figure 2-10.
4. Unscrew the 2 screws (C) and remove the Pinch Solenoid from the Pinch Solenoid Base as shown in Figure 2-10.

(Installation)

1. Install the new Pinch Solenoid following the removal steps in reverse order.
2. After installation, perform the Pinch Solenoid Position Adjustment.

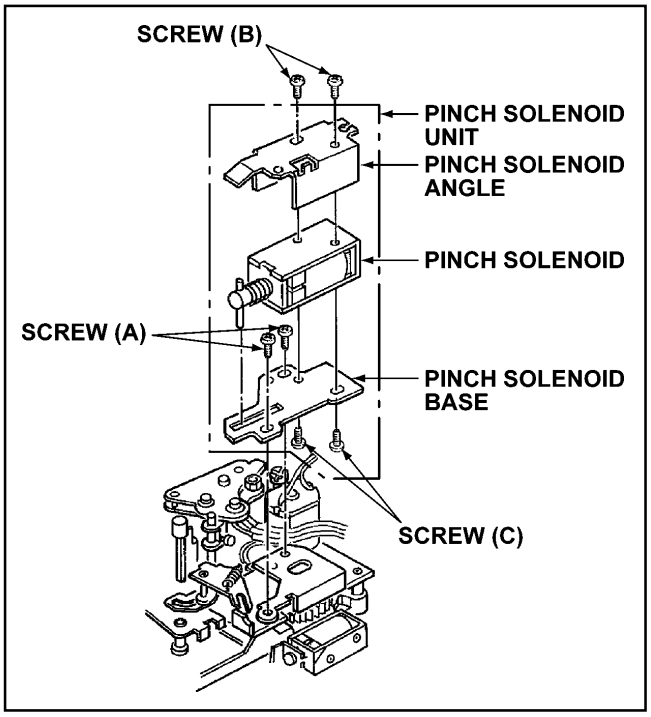


Figure 2-10

2-11. Pinch Solenoid Position Adjustment

SPEC.	T = 0.3 mm
TEST	Gap T
ADJUST	Screw (A) and Hole (B)
MODE	EJECT (Power OFF)
TOOL	Eccentric Driver (VFK0357)

1. Confirm the power is turned off.
2. Push the pinch roller by hand to be close to capstan.
3. Push the pinch solenoid by hand so that the pinch roller contacts capstan.
4. Loosen the two screws (A) and adjust the hole (B) by VFK0357 so that gap (T) is within the specification.
5. The position to confirm Gap, is at spring scratch to Plate (C) side.

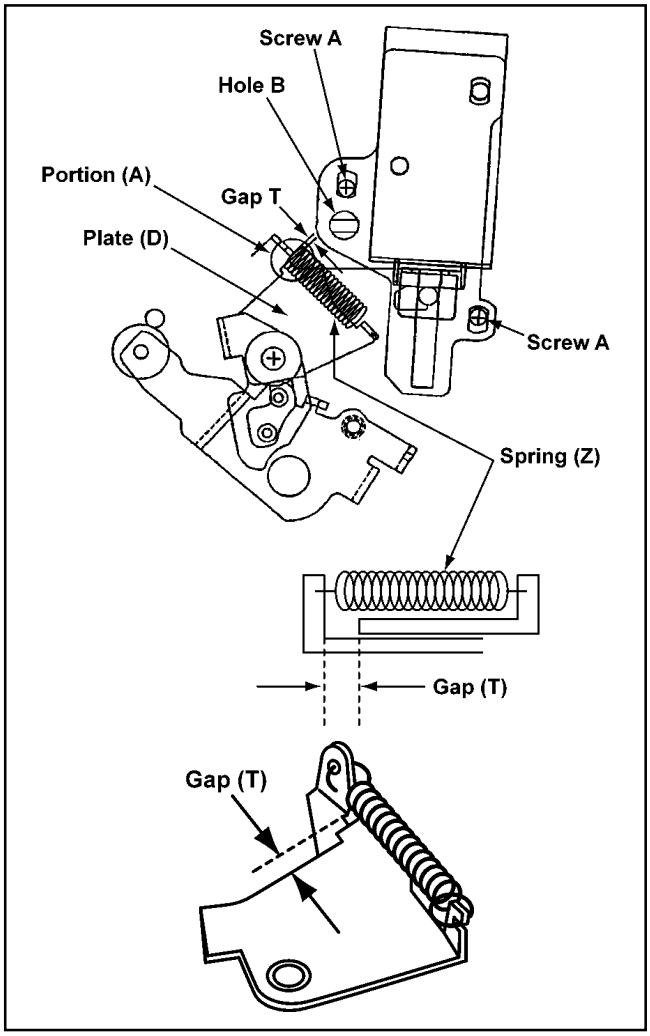


Figure 2-11

2-12. Pinch Arm Unit Replacement

(Removal)

1. Refer to item “2-10.Pinch Solenoid Replacement” to remove the Pinch Solenoid Unit.
2. Remove the cut washer (A) and remove the Pinch Solenoid Lever as shown in Figure 2-12.
3. Remove the cut washer (B) and remove the Pinch Arm Unit as shown in Figure 2-12.

(Installation)

1. Install the new Pinch Arm Unit following the removal steps in reverse order, and then Pinch Solenoid Position Adjustment is necessary.

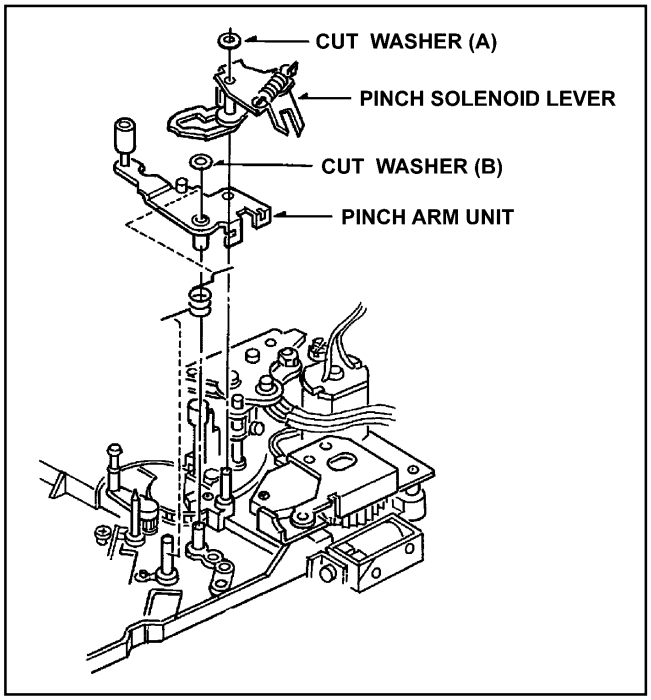


Figure 2-12

2-13. Loading Motor Replacement

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item “7. Table of Connector” about reference number of connector and name of P.C.Board.)

Click this mark , then go to item “7. Table of Connector”.

2. Remove the Pinch Solenoid Unit. (Refer to item 2-10).
3. Unscrew the screw (B), and remove the Emergency Shaft as shown in Figure 2-13.
4. Unscrew the 2 screws (C) and remove the Loading Motor Neutral Unit as shown in Figure 2-13.
5. Unscrew the 2 screws (D) and remove the Loading Motor Unit as shown in Figure 2-13.

(Installation)

1. Install the new Loading Motor Unit to Loading Motor Neutral Unit by tightening 2 screws (D) as shown in Figure 2-13.
2. Install the Loading Motor Neutral Unit by tightening the 2 screws (C) as shown in Figure 2-13, paying attention to the pin of Mode SW Unit which should match with groove position of main Cam Gear.
3. Install the Emergency Shaft by tightening the screw (B) as shown in Figure 2-13.
4. Install the Pinch Solenoid Unit and after installation it, Pinch Solenoid Position adjustment is required. (Refer to item 1-11).
5. Connect the **Connector (A)** to the **P.C.Board (A)**.

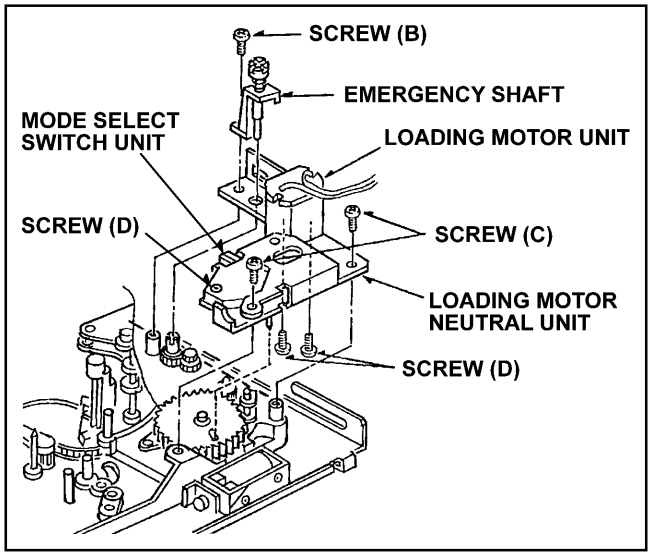


Figure 2-13

2-14. Mode SW Unit Replacement

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this mark , then go to item "7. Table of Connector".

2. Remove the Pinch Solenoid Unit and Loading Motor Unit. (Refer to item 2-10 and 2-13.)
3. Remove the screw (E) and remove the Mode Select Switch Unit from Loading Motor Unit as shown in Figure 2-14.

(Installation)

1. Install the New Mode Select Switch Unit following the removal steps in reverse order (Refer to item "2-13. Loading Motor Unit Replacement").

Note: Pay attention to the pin of Mode Switch Unit which should be match with groove of Main Cam Gear.

2. After install the Pinch Solenoid Unit, Pinch Solenoid Position adjustment is required. (Refer to item 2-11).

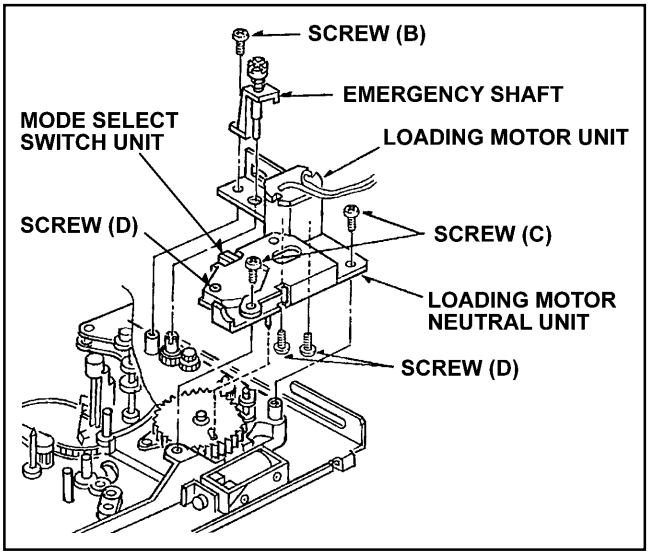


Figure 2-14

2-15. Main Cam Gear Replacement

(Removal)

1. Remove the Pinch Solenoid Unit and Loading Motor Unit. (Refer to item 2-10 and 2-13.)
2. Remove the Main Cam Gear as shown in Figure 2-15.

(Installation)

1. Install the Main Cam Gear, then the pin of Main Cam Arm Unit (*) should match with the groove position of Main Cam Gear as shown in Figure 2-15.
2. Follow the removal steps in reverse order.
3. After installation, perform the Pinch Solenoid Position Adjustment. (Refer to item 2-11)

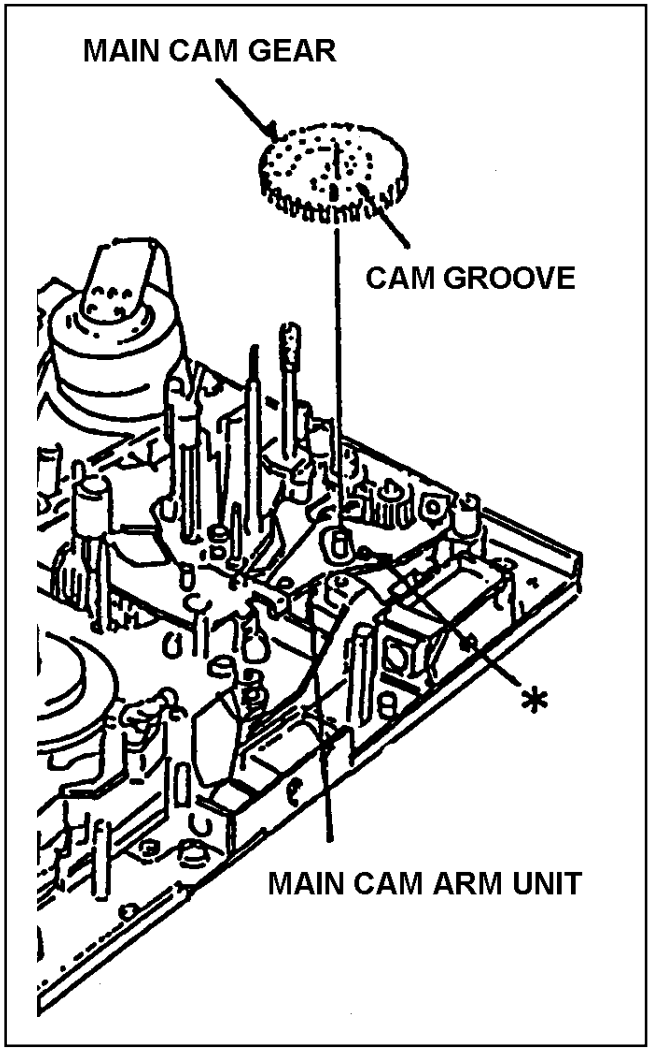


Figure 2-15

2-16. Thrust Screw Replacement and Adjustment

1. Remove the Thrust Adjustment Screw.
2. Clean the capstan shaft with an applicator.
3. Put the oil (VFK0906) on a new Thrust Adjustment Screw and install the upper end of the Capstan Housing.
4. Turn the Thrust Adjustment Screw slowly to counter-clockwise until the Capstan Rotor just starts turning (separate from the Capstan Rotor).
5. Turn the Trust Adjustment Screw to the other angle of 270 degrees from 180 degrees (about 225 degrees) clockwise as shown in Figure 1-16-2.
6. Put the glue (Ex. : Three Bond 1401B) on the Thrust Adjust Screw.
7. Confirm whether the Oil Seal does not come out to contact with the Capstan Housing.

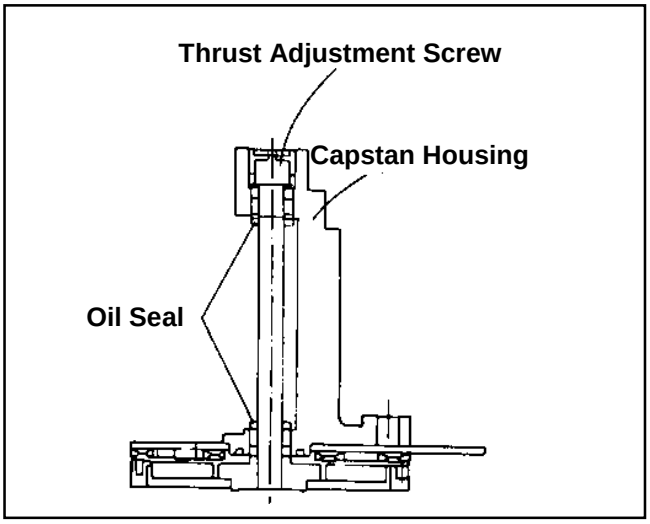


Figure 2-16-1

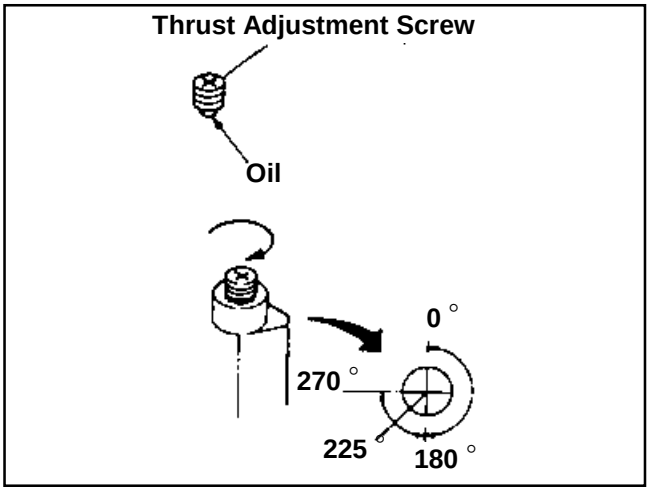


Figure 2-16-2

2-17. S5 Post Base Unit Replacement

(Removal)

1. Unscrew the screw (A) and remove the S5 Post Base Unit as shown in Figure 2-17.

(Installation)

1. Install the S5 post Base Unit follow the removal steps in reverse order.

Note: Be careful the S5 Post Base Unit is installed to mech. chassis as shown in Figure 2-17.

2. After installation, Post Height Pre-Adjustment and Tape path Adjustment should be performed.

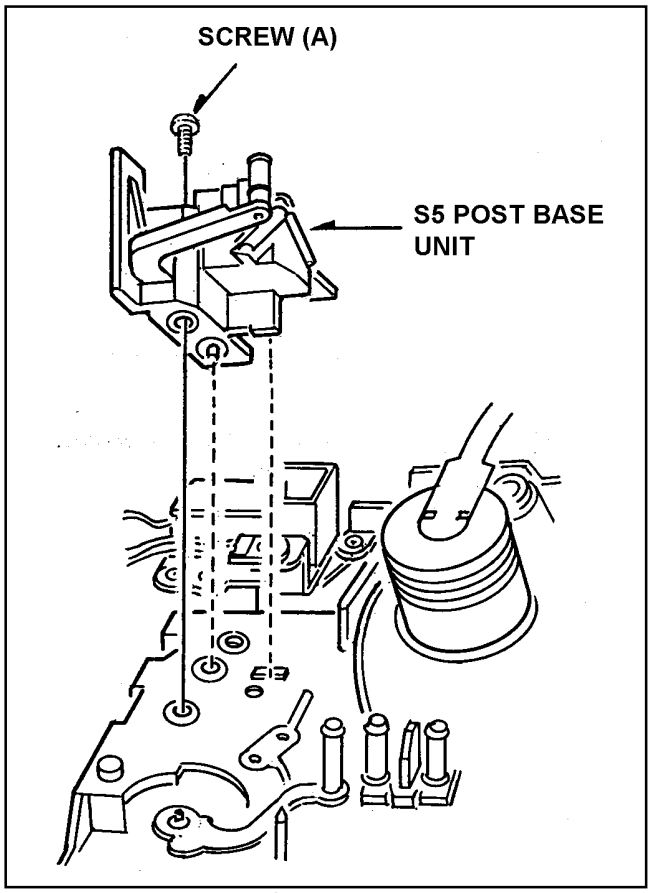


Figure 2-17

2-18. Tension Arm Unit Replacement

(Removal)

1. Remove the Cut Washer (A) and hang off the Tension Regulator Spring, and then remove the Tension Arm Unit as shown in Figure 2-18.

(Installation)

1. Install the new Tension Arm Unit following the removal steps in reveres order.
2. After installation, Tension Arm Adjustment should be performed the following steps.

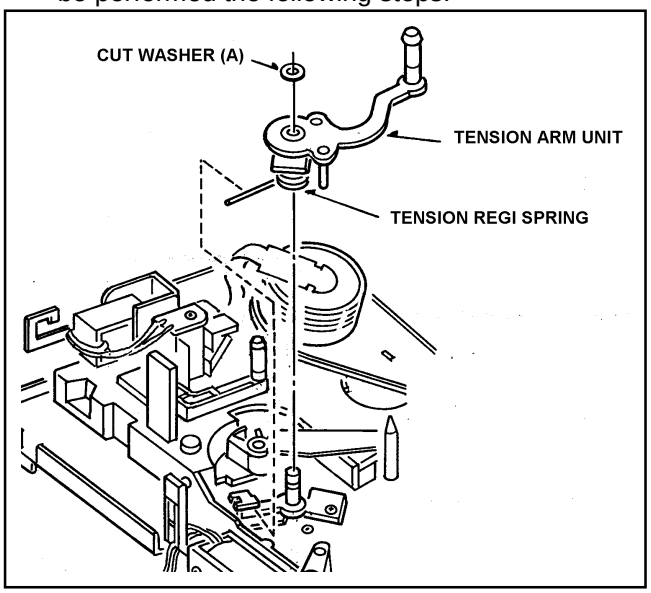
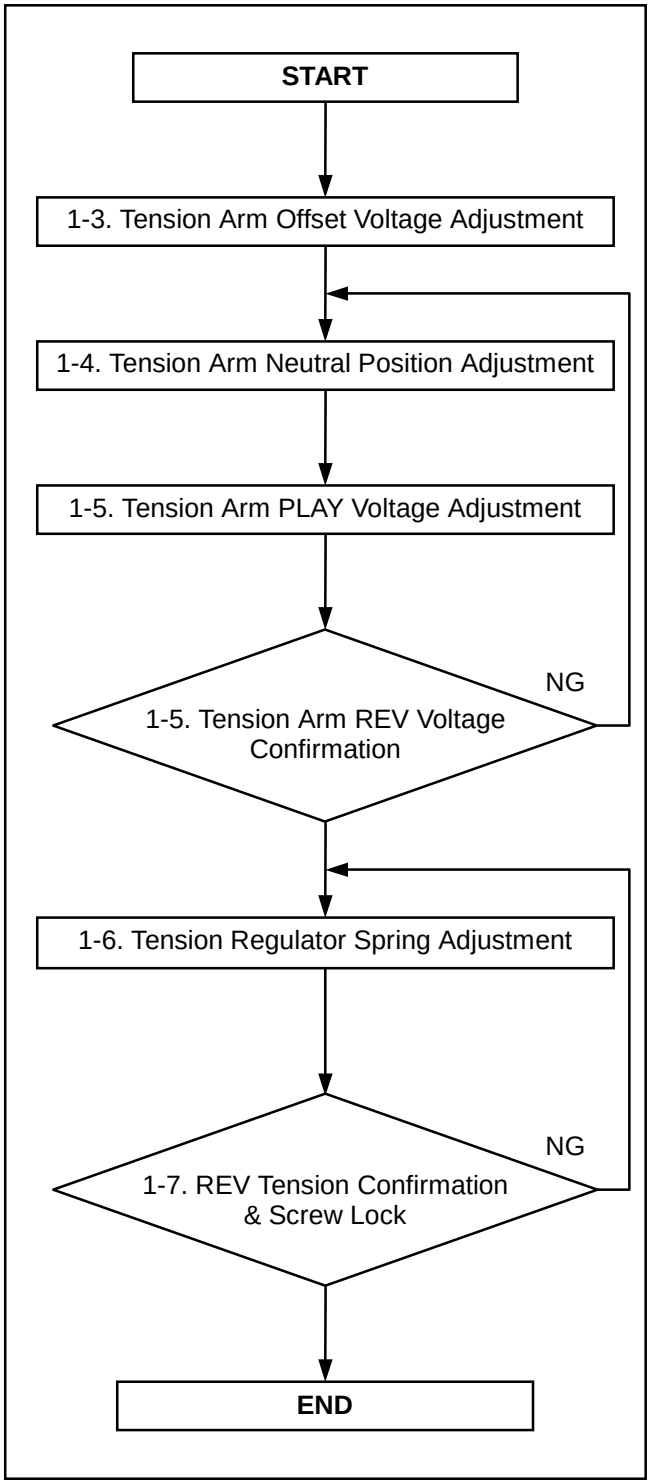


Figure 2-18

<Tension Arm Adjustment Flow Chart>



2-19. S1 Post Loading Arm Unit Replacement & Adjustment

(Removal)

1. Remove the S5 Post Base Unit. (Refer to item 2-17)
2. Remove the Tension Arm Unit. (Refer to item 2-18).
3. Unscrew the screw (A) and remove the S1 Post from Loading Rail as shown in Figure 2-19.
4. Remove the Cut Washer (B) and remove the S1 Loading Arm Unit as shown in Figure 2-19.

(Installation)

1. Install the new S1 Loading Arm Unit following the removal steps in reverse order, and then S1 Post Loading Arm Unit Phase Adjustment should be performed as follows.
2. After installation, confirm that the S1 Post move smoothly on the Loading Rail.
3. Tension Arm and Tape path Adjustment should be performed.

(Adjustment)

Install and adjust so that the Hole (A) is to be parallel with Hole (B) as shown in Figure 2-19.

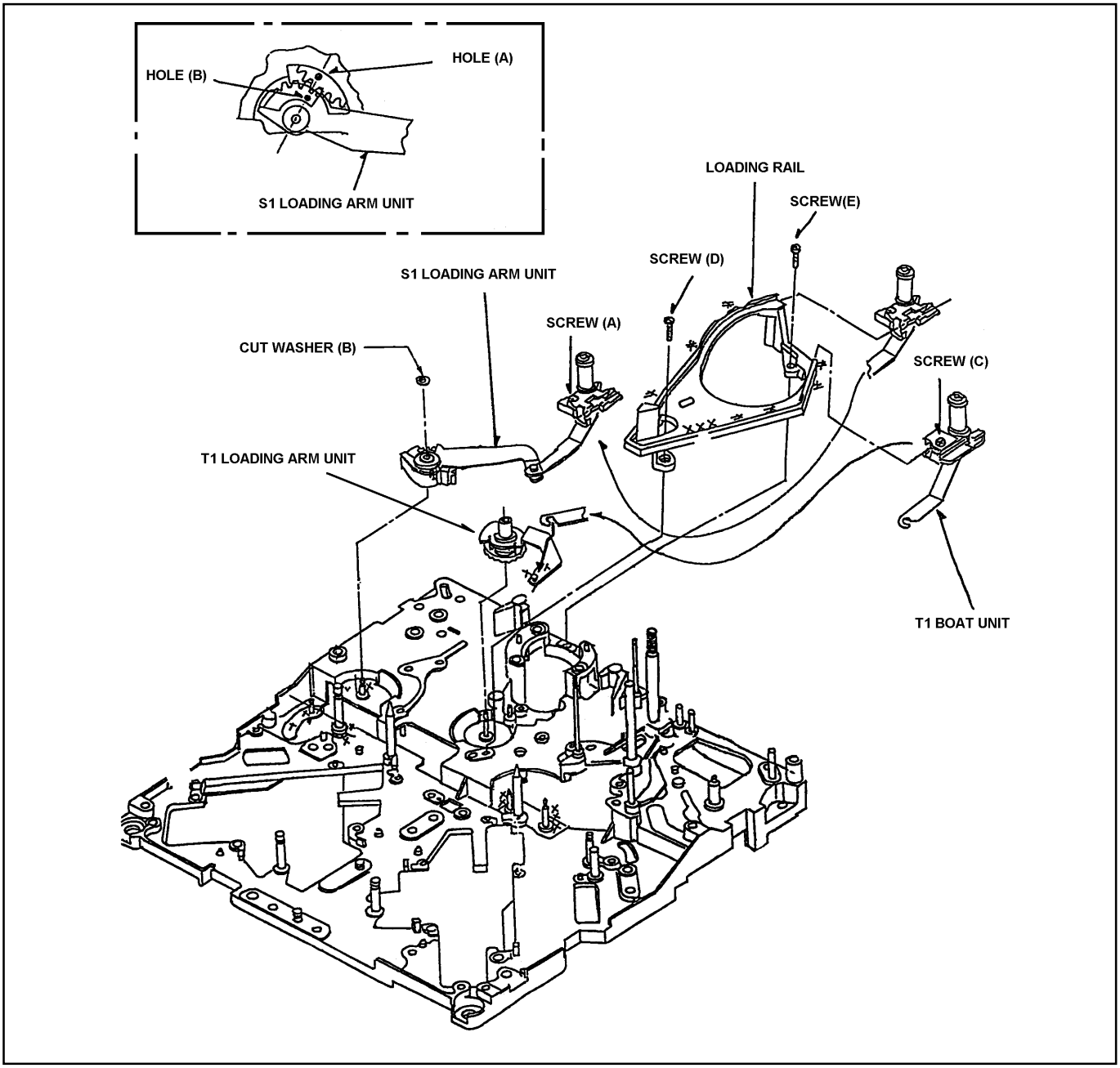


Figure 2-19

2-20. T1 Boat Unit Replacement and Adjustment

(Removal)

1. Unscrew the screw (C) and remove the T1 Post from Loading Rail as shown in Figure 2-19 on the above page.
2. Hang off the T1 Boat Unit from T1 Loading Arm Unit as shown in Figure 2-19.

(Installation)

1. Install the new T1 Boat Unit follow the removal steps in reverse order.
2. After installation, confirm that the T1 Post move smoothly on the Loading Rail.
3. Tape path Adjustment should be performed.

(Know how for Replacing T1 boat)

(1) T1 boat replacing procedure
Fix the T1 boat flat to the T loading arm N ass'y with minimum bending of the T1 boat arm.

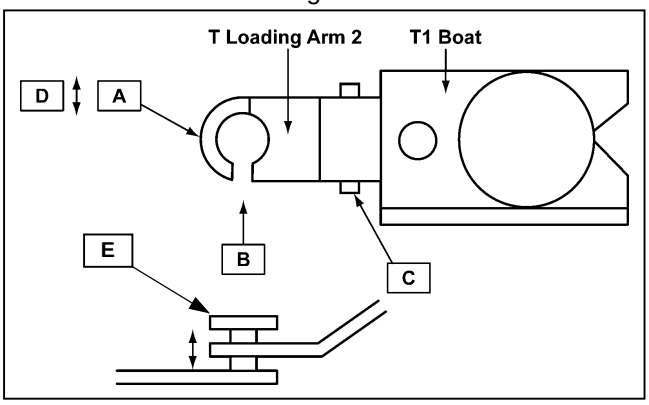


Figure 2-20-1

- If the portion A shown in the figure above is deformed , the T1 boat can cause snag during loading or significant change in X-Value. Visually check the portion A for deformation.
- If deformation is found, remove the T1 boat, flatten the arm by using an appropriate tool such as a pair of long nose pliers and then install the T1 boat. Or, replace the arm with a new one.
- If the portion B shown in the figure above is significantly deformed, the arm can become loose. At a half load position, while pinching the portion C of the arm with tweezers, slightly move the arm in the directions of D shown in the figure several times and make sure that the arm does not come off. If it can come off, remove the T1 boat. Using long nose pliers, narrow the opening B and then fit the T1 boat.

(Confirmation and Adjustment Procedure)

Tool : T Arm Height Adj. Tool A (VFK1542)
T Arm Height Adj. Tool B (VFK1543)

(1) T1 boat replacing procedure

1. Turn clockwise emergency red screw and set the hole of T1 Boat Unit to match line of take up side cassette fixed pin as shown in figure 2-20-2.
2. Push the Pinch Roller by hand to be close to Capstan and push the Pinch Solenoid by hand so that the Pinch Roller contacts Capstan.
3. Set the T Arm Height Adj. Tool A (VFK1452) to take up side cassette fixed pin as shown in figure 2-20-3.
4. Turn the Tool A and confirm that the Tool A is contact to pin E (the position of pin E as shown in figure 1-20-1) as shown in figure 2-20-3.
5. Set the T Arm Height Adj. Tool B (VFK1543) to take up side cassette fixed pin as shown in figure 2-20-3.
6. Turn the Tool B and confirm that the Tool B does not contact to pin E (the position of pin E as shown in figure 2-20-1) as shown in figure 2-20-3.

<Specification of T Arm Height>

	Contact of Pin E
Tool A (have cut)	contact
Tool B (have not cut)	no contact

Note 1: In case Tool A does not contact to Pin E.

1. Remove the T1 Boat Unit from Loading Rail and press up the T Loading Arm 1 by hand to change the height of T Loading Arm.
2. Install the T1 Boat Unit and hit the Pin E from the top lightly.
3. Repeat the T1 Loading Arm Height Adjustment.

Note 2: In case Tool B contact to Pin E.

1. Remove the T1 Boat Unit from Loading Rail and press down the T Loading Arm 1 by hand to change the height of T Loading Arm.
2. Install the T1 Boat Unit and hit the Pin E from the top lightly.
3. Repeat the T1 Loading Arm Height Adjustment.

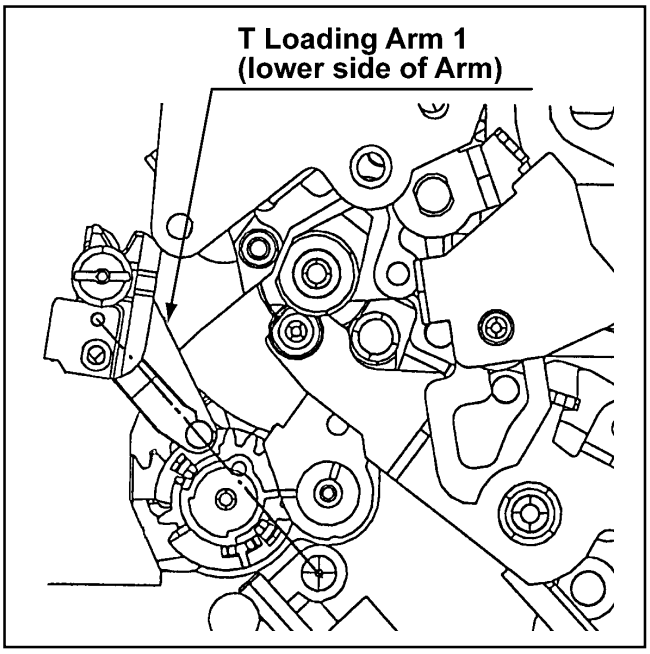


Figure 2-20-2

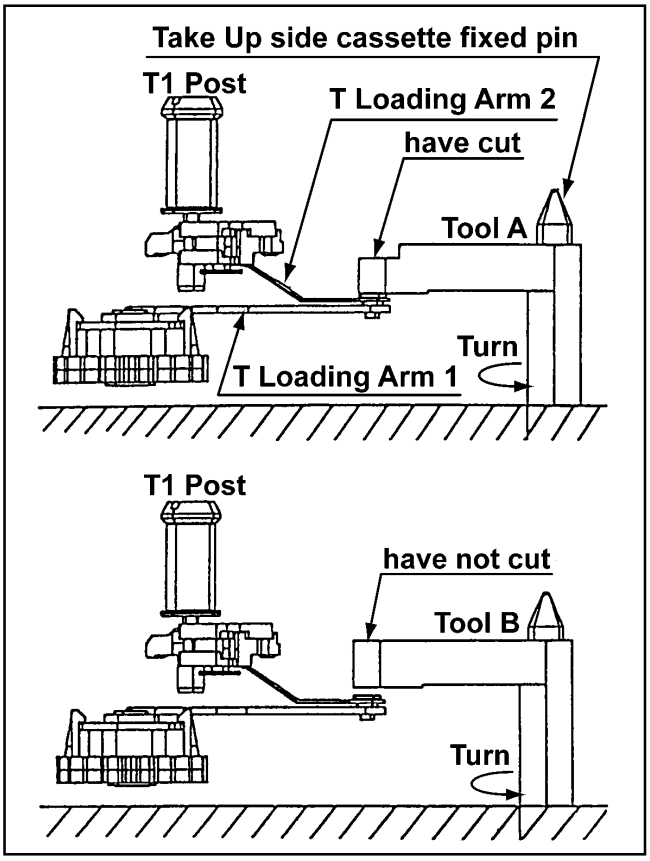


Figure 2-20-3

(2) Checking smooth movement of T1 Boat Unit.
Check X-Value. Check smooth loading and unloading operations. If not smooth (especially, at curve of rail), take the following steps.

1. Check deformation of T1 boat joint.
2. If no deformation, then reposition the loading rail as describe below.

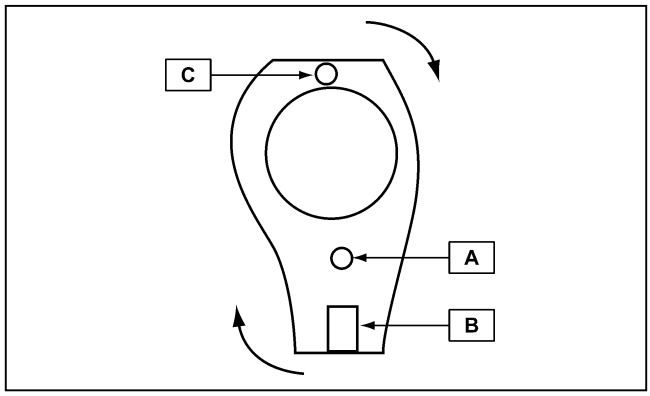


Figure 2-20-4

1. Loosen the screw A.
2. While pressing the projection B leftward, tighten the screw.

If operation is not smooth, remove CYL and loosen screws A and C. Turn the rail clockwise as shown in the figure and then tighten the screws.

If the rail does not work well, replace it or the T1 boat with a new one.

2-21. T1 Loading Arm Unit Replacement & Adjustment

(Removal)

1. Remove the cylinder Unit. (Refer to item 2-1)
2. Move the T1 Post to loading direction by manual ejecting method until the screw (D) can be removal position as shown in Figure 2-19.
3. Unscrew the 2 screws (A) and (C), then remove the S1 and T1 Post from Loading Rail as shown in Figure 2-19.
4. Unscrew the 2 screws (D) and (E), then remove the Loading Rail as shown in Figure 2-19.
5. Remove the T1 Loading Arm Unit as shown in Figure 2-19.

(Installation)

1. Install the T1 Loading Arm Unit following the removal steps in reverse order, then Phase Adjustment should be performed as follows.

(Adjustment)

1. When install the T1 Loading Arm Unit, then the hole (A) should match with the hole (B) as shown in Figure 2-19.
2. After installation, confirm that the S1 and T1 Post move smoothly on the Loading Rail.
3. Perform the T1 Loading Arm Height Adjustment. (Refer to previous item)
4. After perform the height adjustment, perform the Post Height Pre-Adjustment and Tape path Adjustment.

Note:
This replacement should be performed simultaneously with replacement of Cylinder Unit. It is convenient for Replacement of T1 Loading Arm Unit.

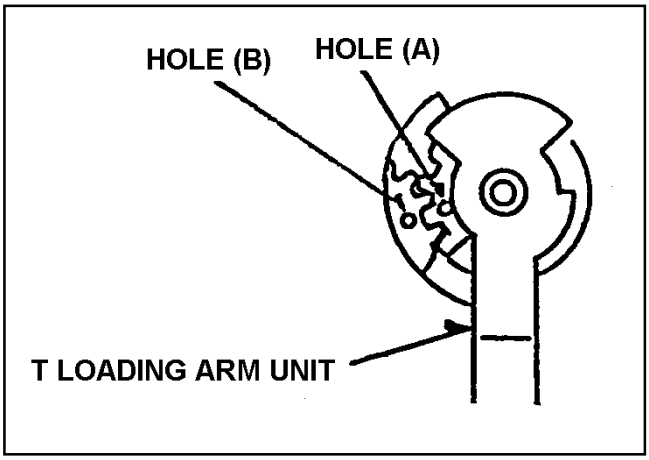


Figure 2-21

2-22. M-Cassette Brake Base Unit Replacement (Camera Recorder only)

(Removal)

1. Disconnect the all connectors on SERVO P.C.Board.
2. Unscrew the 4 screws (A) to remove the Servo P.C.Board as shown in Figure 2-22.
3. Unscrew the screw (A) to remove the Cassette Down Photo Unit.
4. Unscrew the screw (B) to remove the M-Lock/Release Piece Unit.
5. Unscrew the 2 screws (C) to remove the M cassette Brake Base Unit. Then pick up the pin of Eject Arm Unit.

(Installation)

1. Install the new cassette Brake Base Unit according to the opposite procedures of removing.

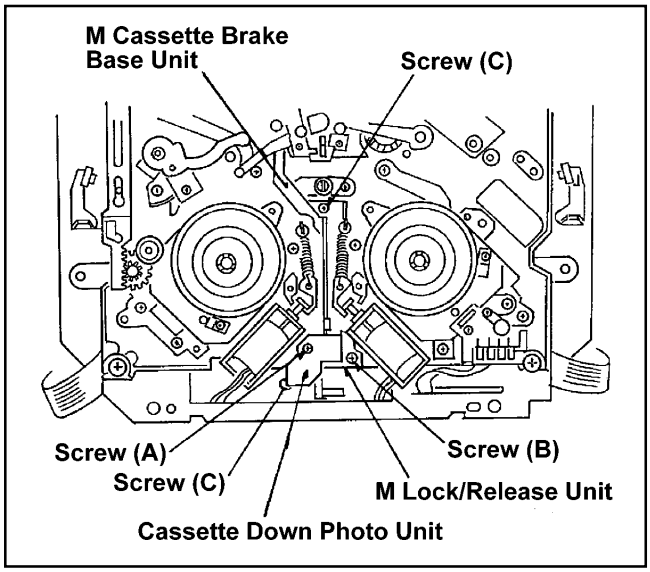


Figure 2-22

2-23. A/C head Replacement & Adjustment

<Tools required>

Nut Driver (5.5mm : VFK1150A)
Hex Driver (VFK1148A)
Hex Wrench (VFK1190)

(Removal)

1. Loosen the hex screw (B) and remove the Nut (C). Hang off the Head Height Adjustment Spring and then remove the A/C Head Unit as shown in Figure 2-23-1.

Point: Memorize height of the Nut (C) before remove the Nut (C).

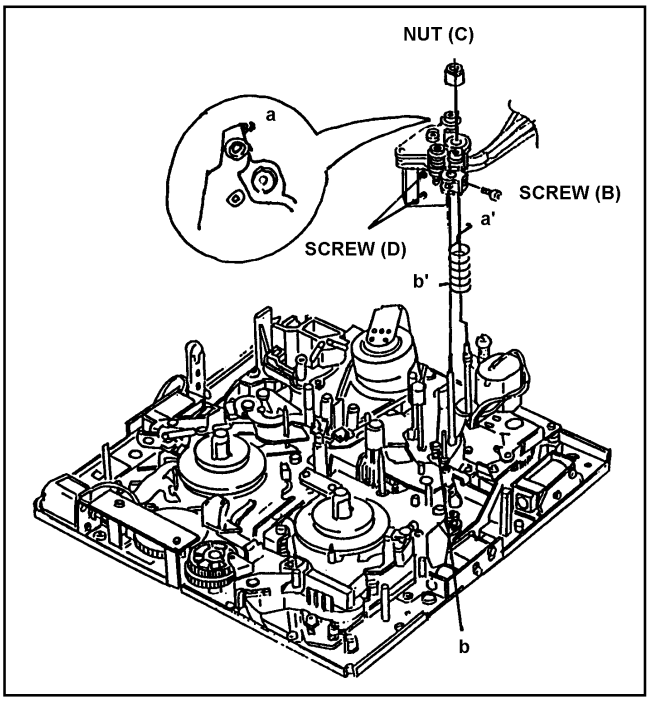


Figure 2-23-1

2. Remove the 2 screws (A) as shown in Figure 2-23-2.
3. Disconnect the **connector (A)** on the **P.C.Board (A)** and **connector (B)** on the **P.C.Board (B)**, and then remove the A/C Head from the A/C Head Plate as shown in Figure 2-23-2(Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.).

Click this button , then go to item "7. Table of Connector".

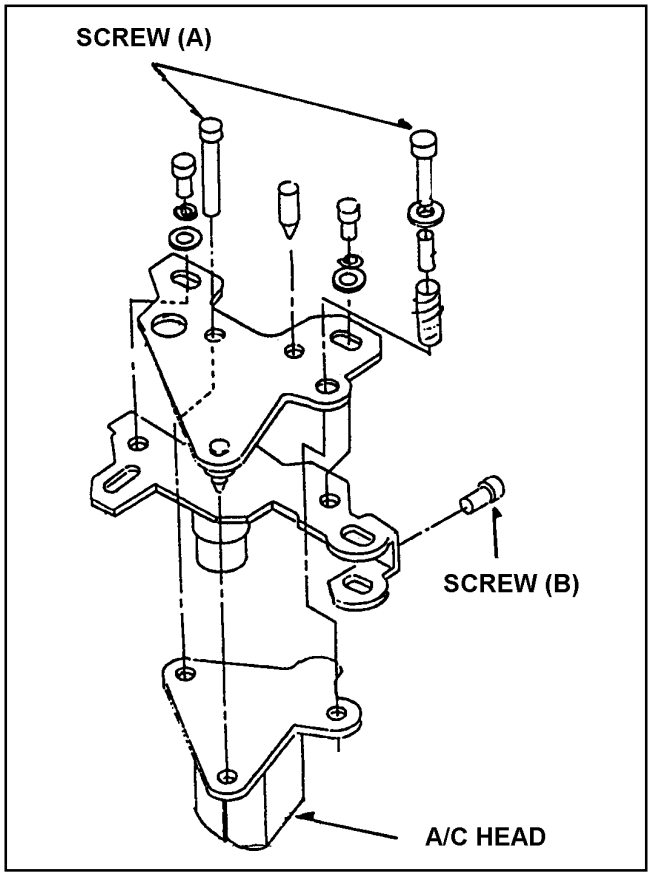


Figure 2-23-2

4. Remove the Shield Cover by removing 2 screws (D) as shown in Figure 2-23-1.
5. Unsolder the lead wires as shown in Figure 2-23-3. (When unsolder the lead wires, do not unsolder all at the same time).

(Installation)

1. Remove the Shield Case from the New A/C Head and solder the lead wires to New A/C Head. (Refer to Figure 2-23-3)
2. Reinstall the shield case to A/C Head.
3. Install the A/C Head to A/C Head Plate by tightening 2 screws (A), then set to parallel the gap between A/C Head and A/C Head Plate.
4. Install the A/C Head Unit.
5. Hang on the Head Height Adjustment Spring and tighten the Nut (C).
6. Clean the surface of the A/C Head.

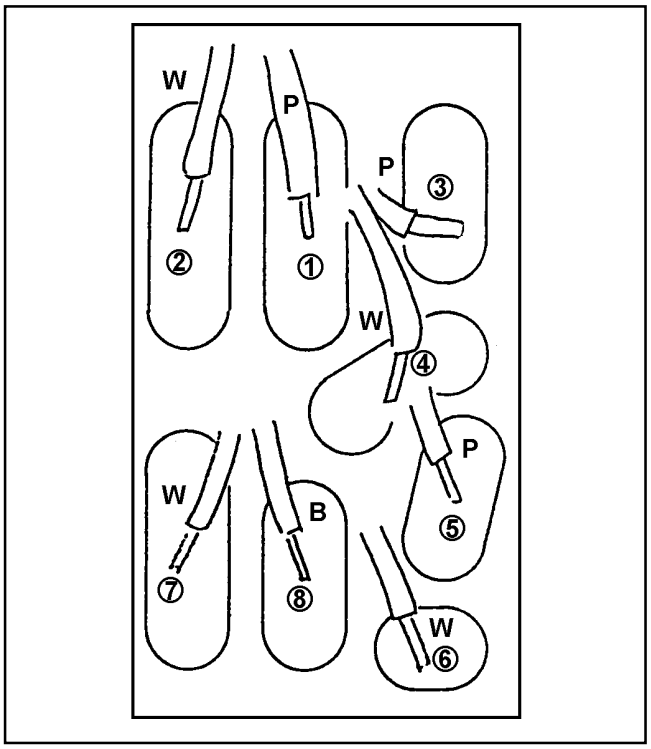
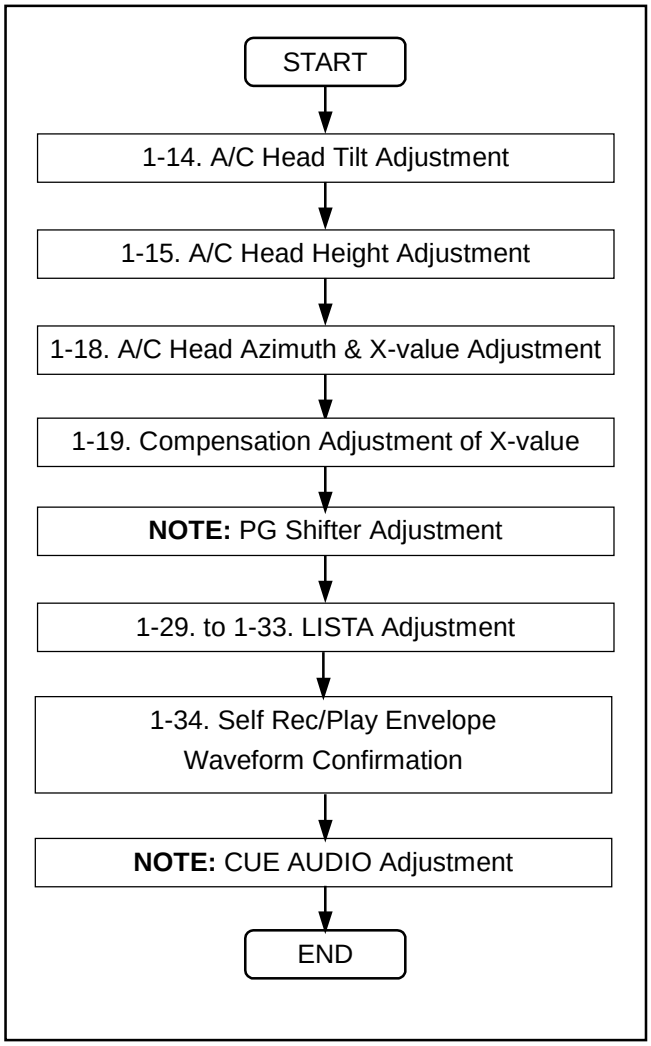


Figure 2-23-3

A/C Head	Cable Color		Connector
1	Pink	Yellow	P1
2	White		
3	Pink	Red	
4	White		
5	Pink	Green	
6	White		
7	White	Yellow	P30
8	Black		

<A/C Head Adjustment>

1. After change the A/C Head, please perform the following steps.



NOTE:
PG Shifter and CUE AUDIO adjustment procedures are mentioned on Electrical Adjustment Procedures .

2-24. Cleaner Solenoid Replacement & Adjustment

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the Cleaner Solenoid Unit as shown in Figure 2-24-1.
3. Unscrew the 2 screws (B) and remove the Cleaner Solenoid as shown in Figure 2-24-1.

(Installation)

1. Install the new Cleaner Solenoid follow the removal steps in reverse order.
2. After installation, perform the Cleaner Solenoid Position adjustment.

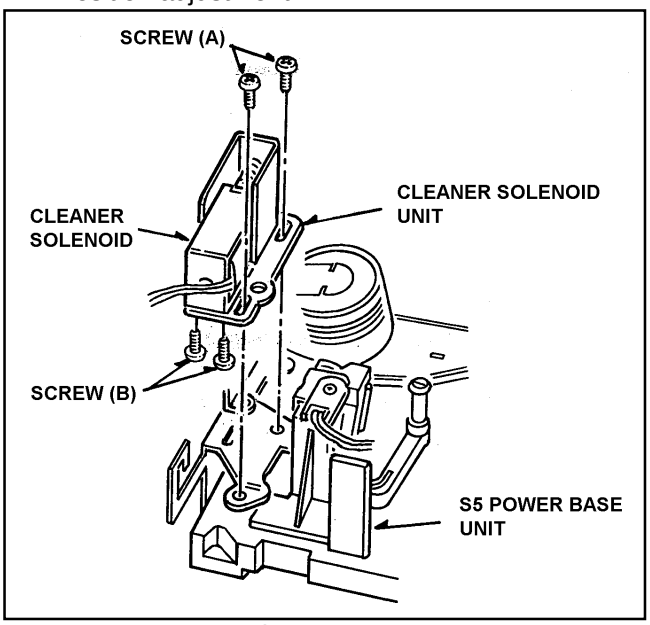


Figure 2-24-1

2-24-1. Cleaner Solenoid Position Adjustment

<Tools required>

Eccentric Driver (VFK0357)

1. Press the iron core of Cleaner Solenoid.
2. Observe the clearance (D) between Cleaning Arm Unit and Cleaner Base Plate as shown in Figure 2-24-3. And make sure that it is within 0.5 to 0.7mm.
3. If not, loosen the 2 screws (A) as shown in Figure 2-24-2 and adjust the position of Cleaner Solenoid Unit by moving arrow direction (C ←→ C) using the Eccentric drive so that the clearance (D) is within the specification. And tighten the 2 screws.
4. After adjustment, confirm that as follows.
5. Press the iron core of Cleaner Solenoid and released it, then the Cleaning Roller return to original position.
6. Press the iron core of the Cleaner Solenoid and confirm that the Cleaner Roller rotates, when the Cylinder is rotated by hand.

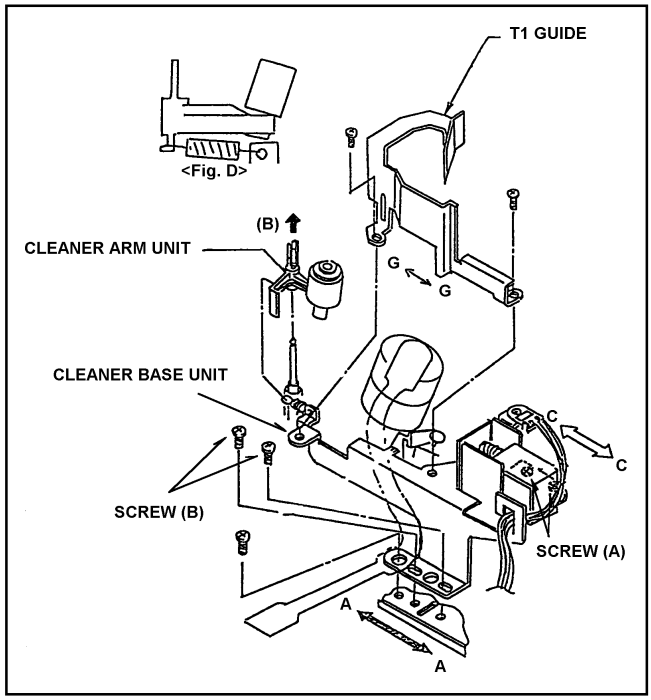


Figure 2-24-2

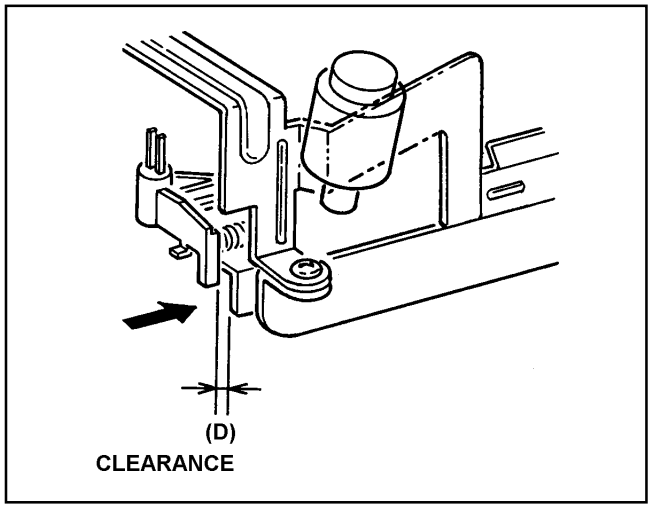


Figure 2-24-3

Note:
If the cleaner Base Plate is removed, execute the Cleaner roller Position adjustment.

2-24-2. Cleaner Roller Position Adjustment

<Tools required>
Eccentric Driver (VFK0357)

1. Observe the clearance (A) between Cleaner Roller and cylinder Unit as shown in Figure 2-24-4. And make sure that it is within 1.0 to 1.2mm.
2. If not, loosen the 2 screws (B) as shown in figure 2-24-2 and adjust the position of Cleaner Base Plate by moving arrow direction (A ←→ A) using the Eccentric driver so that the clearance (A) is within the specification. And tighten the 2 screws (B).

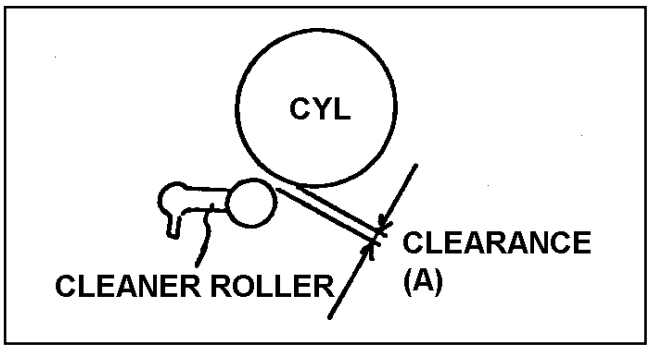


Figure 2-24-4

2-25. Distinction SW Unit Replacement (Studio VTR only)

(Removal)
1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item “7
2. . Table of Connector” about reference number of connector and name of P.C.Board.)

Click this mark , then go to item “7. Table of Connector”.

2. Remove the MIC Drive Rev Spring at Distinction Switch Unit side as shown in Figure 2-25.
3. Unscrew the 3 screws (A) and remove the MIC Rail Unit as shown in Figure 2-25.

(Installation)
1. Install the new Distinction Switch Unit following the removal steps in reverse order.
2. Confirm that the M and L cassettes touch to Distinction Switch Unit correctly.

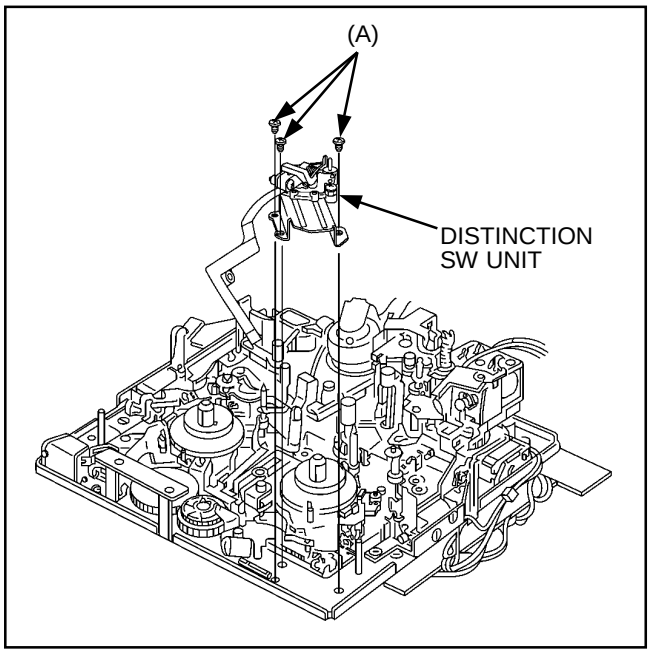


Figure 2-25

2-26. MIC Sensor SW Unit Replacement (Camera Recorder only)

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this button , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the MIC Base Unit as shown in Figure 2-26.

(Installation)

1. Install the new MIC Base Unit according to the opposite procedures of removing.
2. Confirm that the M cassette touches to MIC Base Unit properly.

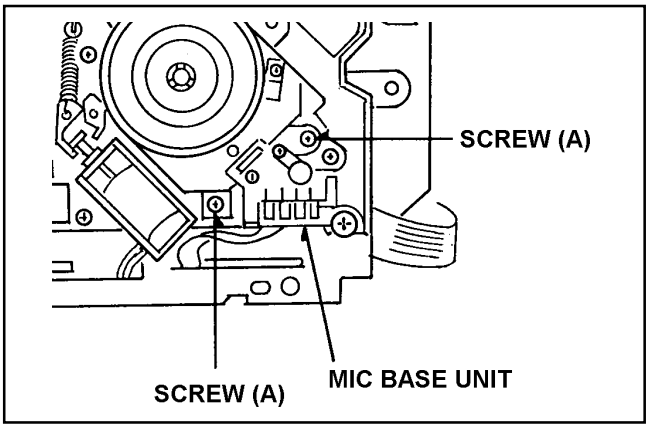


Figure 2-26

2-27. Reel Drive Motor Unit Replacement (Studio VTR only)

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this mark , then go to item "7. Table of Connector".

2. Unscrew the 2 screws (A) and remove the Reel Drive Sensor P.C.Board as shown in Figure 2-27.
3. Unscrew the 2 screws (B) and remove the Reel Drive Motor Unit as shown in Figure 2-27.

(Installation)

1. Install the new Reel Drive Motor Unit following the removal step in reverse order.

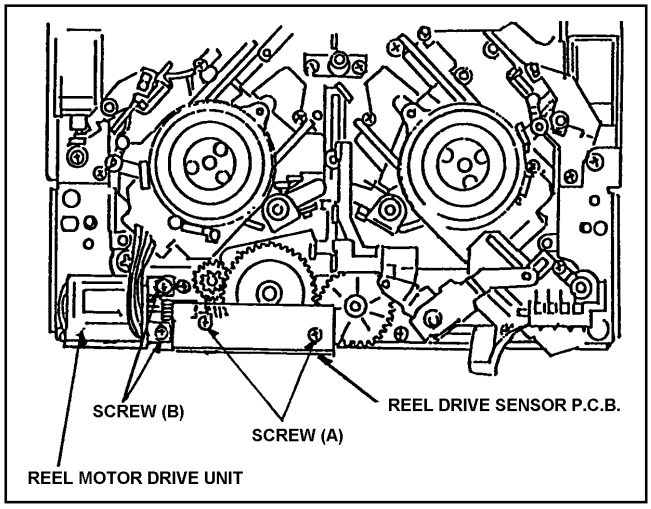


Figure 2-27

2-28. L-M Release Angle Unit Replacement (Studio VTR only)

(Removal)

1. Unscrew the 2 screws (A) and remove the L-M Release Angle Unit as shown in Figure 2-28.

(Installation)

1. Install the new L-M Release Angle Unit following the removal steps reverse order.

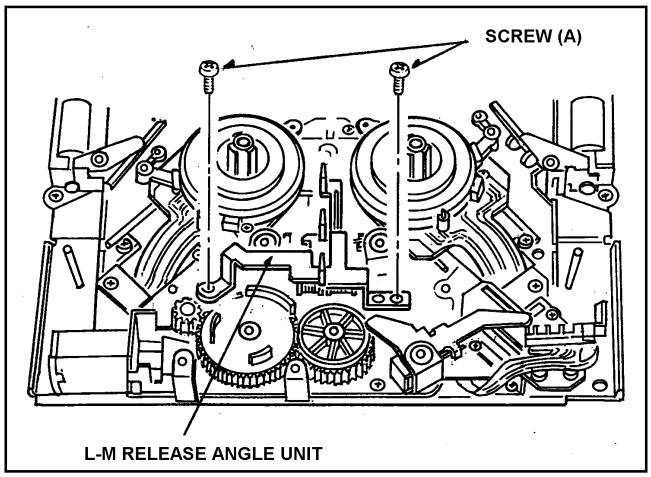


Figure 2-28

2-29. Slide Rod Unit Replacement & Adjustment (Studio VTR only)

(Removal)

1. Remove the L-M Release Angle Unit. (Refer to item 2-28)
2. Remove the Reel Drive Sensor P.C.Board. (Refer to item 2-27).
3. Remove the Cut Washer (A) and remove the Reel Drive Cam Gear as shown in Figure 2-29-1.
4. Remove the Cut Washer (B) and remove the MIC Drive Arm Unit as shown in Figure 2-29-1.
5. Remove the Cut Washer (C) and remove the MIC Geneva Gear as shown in Figure 2-29-1.
6. Remove the Cut Washer (D) and remove the Reel Drive Arm Unit as shown in Figure 2-29-2.
7. Remove the Supply and Take Up Reel Rotor Unit. (Refer to item 2-5)
8. Remove the 2 Cut Washers (E) and remove the Supply and Take Up Base Drive Arm Unit as shown in Figure 2-29-1.
9. Remove the 2 Cut Washers (F) and remove the Slide Rod Unit as shown in Figure 2-29-1.

(Installation)

1. Install the new Slide Rod Unit following the removal steps in reverse order.
2. After installation of the Reel Drive Cam Gear and MIC Geneva Gear, phase adjustment should be performed as follows.

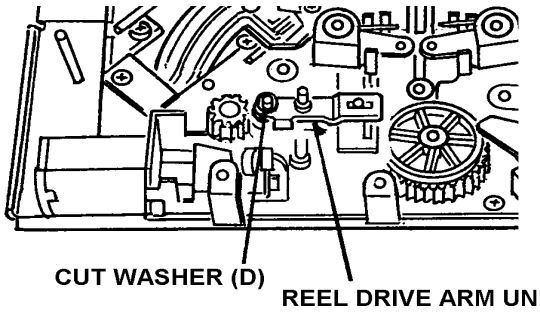


Figure 2-29-2

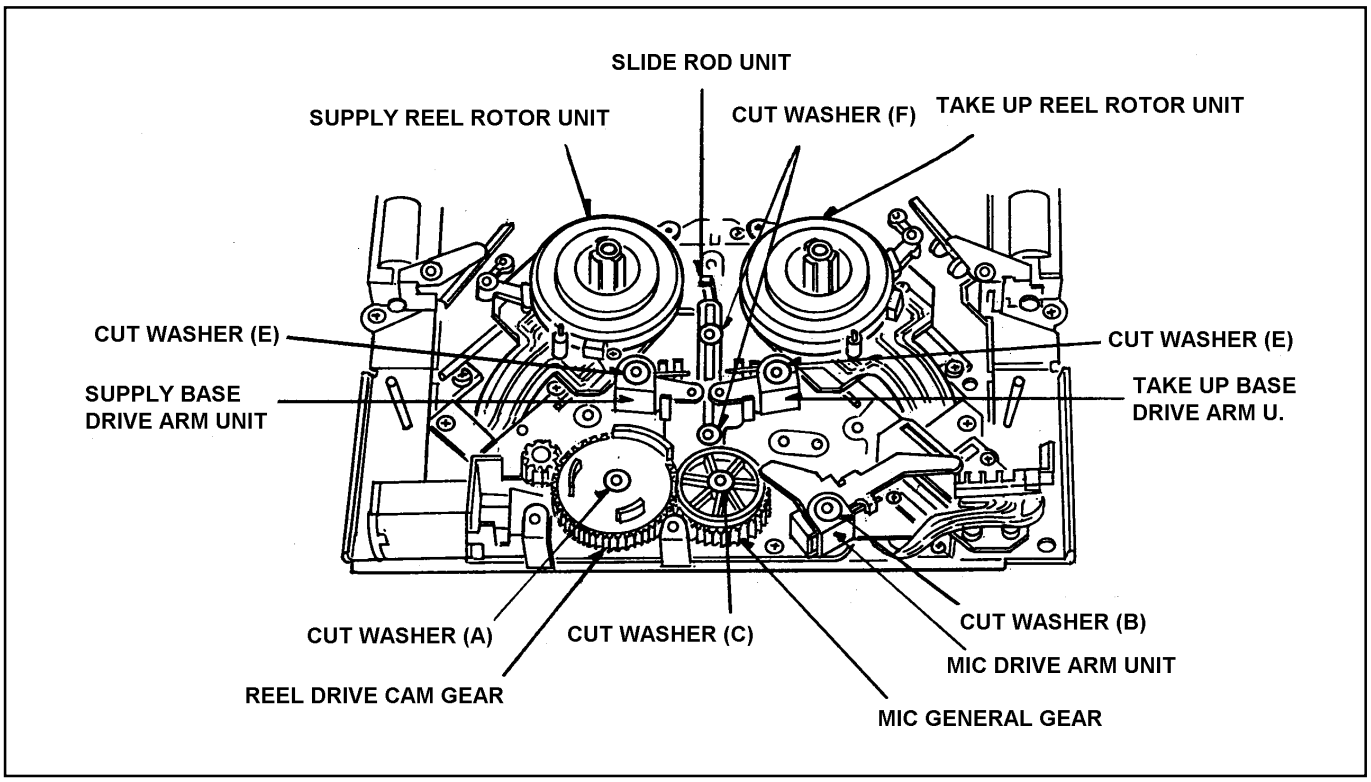


Figure 1-29-1

(Adjustment)

1. Install the MIC Geneva Gear to the Chassis.
2. Place the Reels in the M-Size position by hand.
3. Install the MIC Drive Arm Unit.
4. Place the REC Inhibit SW in front position on Distinction SW Unit by rotation of MIC Geneva Gear, and then MIC Geneva Gear should be positioned as shown in Figure 2-29-3.

Note:
Protrusion of MIC DRIVE Arm Unit is positioned as shown in Figure 2-29-3.

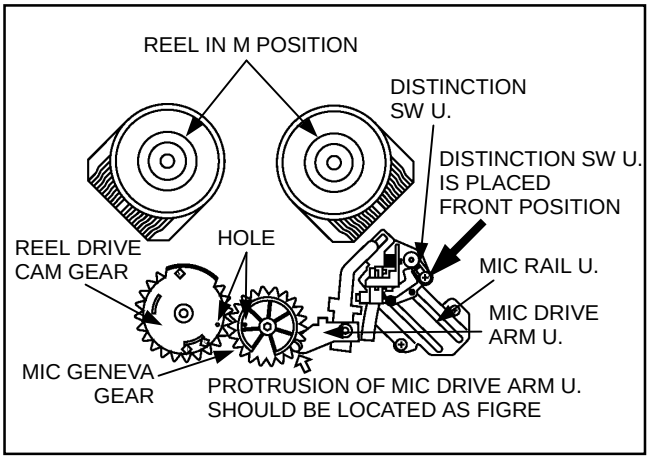


Figure 2-29-3

5. Install the Reel Drive Cam Gear and the hole of Reel Drive Cam Gear should match with the hole of MIC Geneva Gear as shown in Figure 2-29-3.
6. Install the Cut Washer (A), (B) and (C) as shown in Figure 2-29-1.

Point of Adjustment:

1) Reel in M-Size position.
2) Set the REC Inhibit SW in front position of Distinction SW Unit.
3) Protrusion of MIC Drive Arm Unit is positioned as shown in Figure 2-29-3.
4) Holes between Reel Drive Cam Gear and MIC Geneva Gear are matched.

2-30. M-Stopper Solenoid Replacement & Adjustment (Studio VTR only)

(Removal)

1. Disconnect the **connector (A)** on the **P.C.Board (A)**. (Please refer item "7. Table of Connector" about reference number of connector and name of P.C.Board.)

Click this mark , then go to item "7. Table of Connector".

2. Unscrew the 4 screws (A) and (B) and remove the M-Stopper Solenoid as shown in Figure 2-30-1.

(Installation)

1. Install the new M-Stopper Solenoid following the removal steps in reverse order.
2. After installation, position adjustment should be performed as follows.

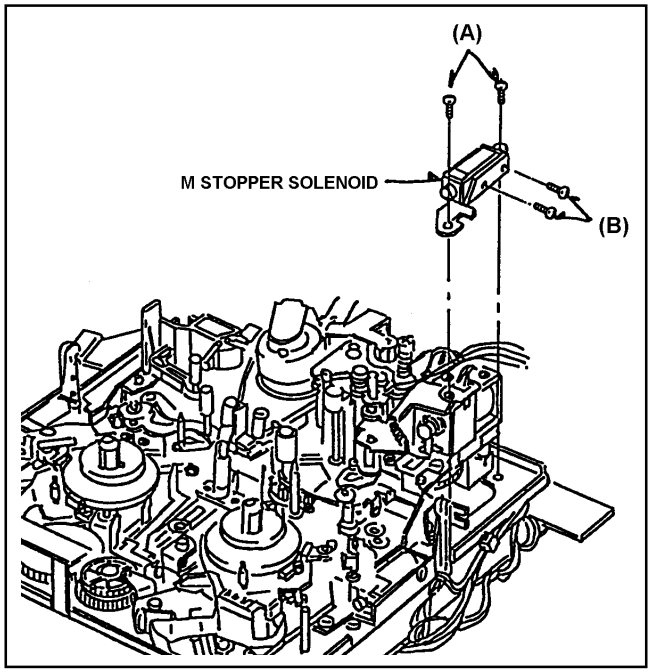


Figure 2-30-1

(Adjustment)

1. Place the reels in the L size position.
2. Push the iron core of M-Stopper Solenoid by hand.
3. Observe the clearance (A) between Mech. Chassis and M-Stopper as shown in Figure 2-30-2. And make sure that it is within 1.1 to 1.3mm.
4. If not, loosen the 2 screws (A) as shown in Figure 2-30-1, which fixed M-Stopper Solenoid. And adjust the position of M-Stopper Solenoid so that the clearance (A) is within the specification. And tighten the 2 screws (A) as shown in Figure 2-30-2.

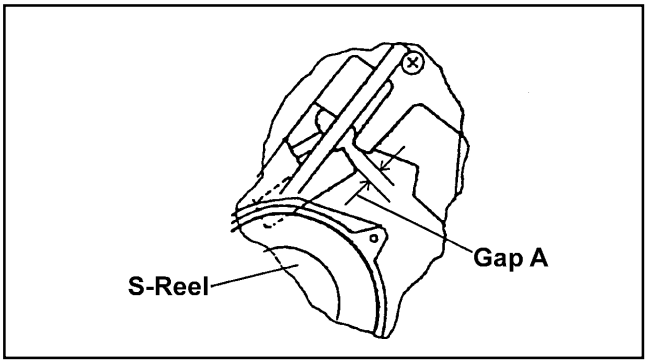


Figure 2-30-2

2-31. T4 Post Position Adjustment

1. Confirm that the hole (B) of T4 connection Gear match with the hole of T4 post as shown in figure 2-31.
2. Confirm that the portion (C) of T4 connection Gear and hole (A). Those are located as shown in figure 2-31.
3. If not, adjust the phase of T4 post following the above procedure.

Note:
This confirmation should be performed on unloading condition.

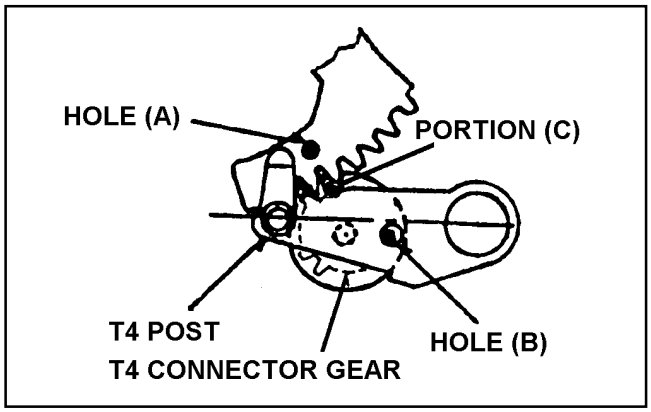


Figure 2-31

3. Compensation Adjustment of X value

1-19. Compensation Adjustment of X value

SPEC	50M mode: X VALUE ADJ 50 → 0 ± 27 25M mode: X VALUE ADJ 25 → 0 ± 27
TEST POINT	X VALUE ADJ 50 (50M mode) (SERVICE MENU) X VALUE ADJ 25 (25M mode) (SERVICE MENU)
ADJ.	JOG DIAL button
MODE	PLAY (25M & 50M mode)
TAPE	NTSC: VFM3582KM, PAL: VFM3682KM
TOOL	-------

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “MAIN MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Press “JOG DIAL button” to open the “MAIN MENU” screen.
4. Set the item “REC MODE” to 50M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/50M (or 16:9/50M)
5. Next open the “VTR SERVICE MENU” screen.
6. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
7. Select item “X VALUE ADJ 50” rotating “JOG DIAL button”.
8. Insert the alignment tape to the VTR and set it to STOP mode(loading complete condition).

NOTE: This adjustment can not be done if VTR is set to Stand-by off mode.

9. Press the “JOG DIAL button” so that adjustment is start.
10. Press “STOP button” of VTR after numerical value is renewed.
11. Confirm that the compensation value is within the specification.
12. If it is out of SPEC., perform X-value Adjustment (item 1-18).
13. Set the item “REC MODE” to 25M MODE referring following process.
    MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)
14. Select item “X VALUE ADJ 25” in “VTR SERVICE 2/3” menu screen.
15. Set VTR to STOP mode(loading complete condition).

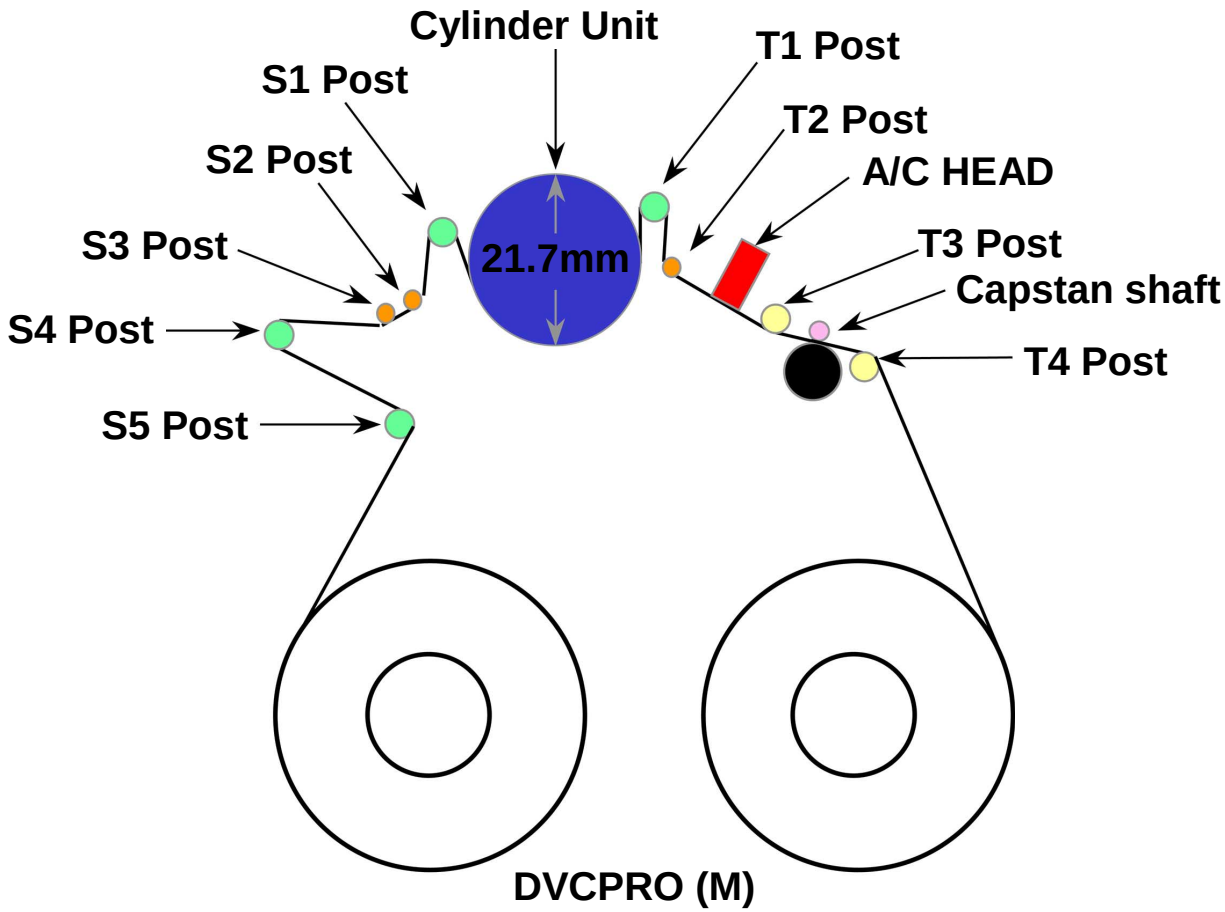
NOTE: This adjustment can not be done if VTR is set to Stand-by off mode.

16. Press the “JOG DIAL button” so that adjustment is start.
17. Press “STOP button” of VTR after numerical value is renewed.
18. Confirm that the compensation value is within the specification.
19. If it is out of SPEC., perform X-value Adjustment (item 1-18).

NOTE: The adjusted EVR data is not renewed if camera is turned off when it is in SERVICE MENU MODE.

Click this button , then go to item “1-19. Compensation Adjustment of X value” .

4. Name of Tape Transportation



:VFK1149B (Post Driver)

:VFK1151A (Nut Driver)

<Post Limit as Playback condition>

NAME	LIMIT
S1 Post	UPPER
S2 Post	FIXED
S3 Post	FIXED
S4 Post	LOWER
S5 Post	FREE or UPPER
T1 Post	UPPER
T2 Post	FIXED
T3 Post	LOWER
T4 Post	LOWER

5. Table of Test Point

<Table of Test Point>

Name		AJ-SDX900E/AJ-D908MC
[Reel Torque Adjustment]		
S-REEL	Reel output Voltage	SERVO P.C.B. : TP301
	Adjustment Point	SERVO P.C.B. : VR502
T-REEL	Reel output Voltage	SERVO P.C.B. : TP302
	Adjustment Point	SERVO P.C.B. : VR501
GND		SERVO P.C.B. : TG300
[Tension Arm Adjustment]		
TENSION		SERVO P.C.B. : TP402
TENSION OFFSET		SERVO P.C.B. : VR402
TENTION GAIN		SERVO P.C.B. : VR401
[Photo Sensor Voltage Adjustment]		
S-PHOTO	Sensor Voltage	SERVICE MENU : T/S PHOTO
	Adjustment Point	SERVO P.C.B. : VR751
T-PHOTO	Sensor Voltage	SERVICE MENU : T/S PHOTO
	Adjustment Point	SERVO P.C.B. : VR750
[Tape Path, A/C Head Adjustment]		
R/P-ENV		HEAD BUFF P.C.B. : TP1
R/P-HSW		HEAD BUFF P.C.B. : TP2
CUE		AUDIO LCD P.C.B. : TP901
LIVE-CTL		SERVO P.C.B. : TP1
[PG SHIFTER Adjustment]		
TSR		SERVO P.C.B. : TP501
PG SHIFT		• Select the EVR on the Service Menu. (Refer to below table)
[LISTA Adjustment]		
ATF	ATF ERR	SERVO P.C.B. : TP601
HSW	R/P-HSW	SERVO P.C.B. : TP109
GND	GND	SERVO P.C.B. : TG300
ATF GAIN		• Select the EVR on the Service Menu. (Refer to following table)

<SERVICE MENU Adjustment Mode>

Adjustment Name	ADJUSTMENT MODE (and Adjustment VR) • Select by Service Menu
T-Reel Torque Adjustment	"T TORQUE"
S-Reel Torque Adjustment	"S TORQUE"
T-Photo Sensor Voltage Adjustment	"T/S PHOTO"
S-Photo Sensor Voltage Adjustment	
Azimuth, X Value Adj. (25M mode)	"X VALUE SET"
Azimuth, X Value Adj. (50M mode)	
X Value Correction (25M mode)	"X VALUE ADJ 25"
X Value Correction (50M mode)	"X VALUE ADJ 50"
PG Shifter Adjustment (25M mode)	"PG SHIFT 25"
PG Shifter Adjustment (50M mode)	"PG SHIFT 50"
LISTA Sensitivity Adjustment R/P (25M mode)	"RPL GAIN 25"
LISTA Sensitivity Adjustment R/P (50M mode)	"RPL GAIN 50"
LISTA Linearity Adjustment (25M mode)	"RPL LIN"
LISTA Linearity Adjustment (50M mode)	

6. Table of Test Point for each adjustment item.

1-3. Tension Arm Offset Adjustment

TEST POINT	TENSION : TP402(SERVO P.C.B.)
ADJ.	TENSION OFFSET : VR402(SERVO P.C.B.)

Click this button , then go to item "1-3. Tension Arm Offset Adjustment" .

1-4. Tension Arm Neutral Position Adjustment

ADJ.	TENSION : TP402(SERVO P.C.B.)

<No Tape loading procedure>

1. Press the "MENU" button pushing "HOLD button" and "LIGHT button" together so that "CAM SERVICE MENU" screen is appears on VF and VIDEO OUT.
2. Press the "JOG DIAL button" to select the "VTR SERVICE MENU" (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the "JOG DIAL button" to select the item "VTR SERVICE 2/3" in "VTR SERVICE MENU" screen and press the "JOG DIAL button" to open the "VTR SERVICE 2/3" menu screen.
4. Select item "TENSION" rotating "JOG DIAL button" and press "JOG DOAL button", then mechanism to set loading complete condition.

Click this button , then go to item "1-4. Tension Arm Neutral Position Adjustment" .

1-5. Tension Arm PLAY and REV Voltage Adjustment and Confirmation

TEST POINT	TENSION : TP402(SERVO P.C.B.)
ADJ.	TENSION GAIN : VR401(SERVO P.C.B.)

<No Tape loading procedure>

1. Press the "MENU" button pushing "HOLD button" and "LIGHT button" together so that "CAM SERVICE MENU" screen is appears on VF and VIDEO OUT.
2. Press the "JOG DIAL button" to select the "VTR SERVICE MENU" (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the "JOG DIAL button" to select the item "VTR SERVICE 2/3" in "VTR SERVICE MENU" screen and press the "JOG DIAL button" to open the "VTR SERVICE 2/3" menu screen.
4. Select item "TENSION" rotating "JOG DIAL button" and press "JOG DOAL button", then mechanism to set loading complete condition.

Click this button , then go to item "1-5. Tension Arm PLAY and REV Voltage Adjustment" .

1-6. Tension Regulator Spring Adjustment

TEST POINT	TENSION : TP402(SERVO P.C.B.)

<No Tape loading procedure>

1. Press the “MENU” button pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “VTR SERVICE MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
4. Select item “TENSION” rotating “JOG DIAL button” and press “JOG DOAL button”, then mechanism to set loading complete condition.

Click this button , then go to item “1-6. Tension Regulator Spring Adjustment” .

1-7. REV Tension Confirmation

TEST POINT	TENSION : TP402(SERVO P.C.B.)

<No Tape loading procedure>

1. Press the “MENU” button pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “VTR SERVICE MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
4. Select item “TENSION” rotating “JOG DIAL button” and press “JOG DOAL button”, then mechanism to set loading complete condition.

Click this button , then go to item “1-7. REV Tension Confirmation” .

1-8. Tension Confirmation

<REV(-1) Mode Setting Procedure>

1. Set the VTR to STILL mode by press PLAY button twice.
2. Keep pressing RESET button and press PLAY button.

Click this button , then go to item “1-8. Tension Confirmation ” .

1-9. Photo Sensor Voltage Adjustment

TEST POINT	S PHOTO sensor voltage	T/S PHOTO(Service menu)
	T PHOTO sensor voltage	
ADJ.	S PHOTO sensor voltage adjustment VR: VR751(SERVO P.C.B.)	
	T PHOTO sensor voltage adjustment VR: VR750(SERVO P.C.B.)	

<How to select T/S PHOTO>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “VTR SERVICE MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
4. Select item “T/S PHOTO” and press “JOG DOAL button”, then measurement voltage is appear on screen.

Click this button , then go to item “1-9. Photo Sensor Voltage Adjustment ” .

1-11. Envelope Waveform Adjustment

TEST POINT	R/P ENV : TP1(HEAD BUFFER P.C.B.), R/P HSW(TRIG) : TP2(HEAD BUFFER P.C.B.)

Click this button , then go to item “1-11. Envelope Waveform Adjustment ” .

1-14. A/C Head Tilt Adjustment

Note: This model does not required set to CTL output level confirmation mode.

Click this button , then go to item "1-14. A/C Head Tilt Adjustment" .

1-15. A/C Head Height Adjustment

TEST POINT	CUE: TP901(AUDIO LCD P.C.B.), CTL: TP1(SERVO P.C.B.)

Click this button , then go to item “1-15. A/C Head Height Adjustment ” .

1-16. A/C Head Tilt Confirmation

TEST POINT	CUE: TP901(AUDIO LCD P.C.B.), CTL: TP1(SERVO P.C.B.)

Click this button , then go to item “1-16. A/C Head Tilt Adjustment ” .

1-17. A/C Head Height Confirmation

TEST POINT	CUE: TP901(AUDIO LCD P.C.B.), CTL: TP1(SERVO P.C.B.)

Click this button , then go to item “1-17. A/C Head Height Confirmation” .

1-18. A/C Head Azimuth and X-value Adjustment (SD 50M)

TEST POINT	R/P ENV: TP1(HEAD BUFFER P.C.B.), R/P HSW: TP2(HEAD BUFFER P.C.B.) CUE: TP901(AUDIO LCD P.C.B.), CTL: TP1(SERVO P.C.B.)
ADJUSTMENT MODE	X VALUE SET(SERVICE MENU)

<25M and 50M mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “MAIN MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Set the item “REC MODE” to 25M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)
4. In case of 50M mode, set to 4:3/50M (or 16:9/50M) on item “REC MODE”.

<Adjustment mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “VTR SERVICE MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
4. Select item “X VALUE SET” rotating “JOG DIAL button”.
5. Press “JOG DIAL button”, then displayed character “OFF” is flashed.
6. Rotate the “JOG DIAL button” to select the display “ON”.

NOTE: The character “ON” is flash condition, which is adjustment mode.

Click this button , then go to item “1-18. A/C Head Azimuth and X-value Adjustment (SD 50M)” .

1-20. REV Tape Path Confirmation and Adjustment (T4 Post Height Adjustment)

TEST POINT	CTL: TP1(SERVO P.C.B.)	
VTR MODE	PLAY(+1)	PLAY on 25M mode
	REV(-1)	REV -1 on 25M mode(how to set PLAY and REV x1 mode, refer to below description)

<25M mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “MAIN MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Set the item “REC MODE” to 25M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)

<REV(-1) Mode Setting Procedure>

1. Set the VTR to STILL mode by press PLAY button twice.
2. Keep pressing RESET button and press PLAY button.

Click this button , then go to item “1-20. REV Tape Path Confirmation and Adjustment (T4 Post Height Adjustment)” .

1-21. CTL Self Recording Level Confirmation

TEST POINT	CTL: TP1(SERVO P.C.B.)	
VTR MODE	PLAY(+1)	PLAY on 25M mode
	REV(-1)	REV -1 on 25M mode(how to set PLAY and REV x1 mode, refer to below description)
	REV(-0.2)	No required

<25M mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “MAIN MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Set the item “REC MODE” to 25M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)

<REV(-1) Mode Setting Procedure>

1. Set the VTR to STILL mode by press PLAY button twice.
2. Keep pressing RESET button and press PLAY button.

Click this button ■, then go to item “1-21. CTL Self Recording Level Confirmation” .

1-23. Confirmation of Envelope on REV, REW and FF mode

TEST POINT	R/P ENV: TP1(HEAD BUFFER P.C.B.), R/P HSW: TP2(HEAD BUFFER P.C.B.)

<REV(-1) Mode Setting Procedure>

1. Set the VTR to STILL mode by press PLAY button twice.
2. Keep pressing RESET button and press PLAY button.

Click this button ■, then go to item “1-23. Confirmation of Envelope on REV, REW and FF mode ” .

1-24. Confirmation of Play Start Envelope

TEST POINT	R/P ENV: TP1(HEAD BUFFER P.C.B.), R/P HSW: TP2(HEAD BUFFER P.C.B.)

Click this button ■, then go to item “1-24. Confirmation of Play Start Envelope” .

1-25. REV mode Tape Path Limit Confirmation

<REV(-1) Mode Setting Procedure>

1. Set the VTR to STILL mode by press PLAY button twice.
2. Keep pressing RESET button and press PLAY button.

Click this button ■, then go to item “1-25. REV mode Tape Path Limit Confirmation” .

1-30. LISTA Connection and Boot Up

TEST POINT	ATF	ATF ERR: TP601(SERVO P.C.B.)
	HSW	R/P HSW: TP109(SERVO P.C.B.)
	GND	GND: TG300(SERVO P.C.B.)

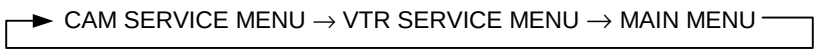
Click this button ■, then go to item “1-30. LISTA Connection and Boot Up” .

1-32. LISTA Sensitivity Adjustment and Sensitivity Detection

TEST POINT	ATF	ATF ERR: TP601(SERVO P.C.B.)
	HSW	R/P HSW: TP109(SERVO P.C.B.)
	GND	GND: TG300(SERVO P.C.B.)
ADJUST(ATF GAIN)	25M mode	RPL GAIN 25(Service Menu)
	50M mode	RPL GAIN 50(Service Menu)

<25M and 50M mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the “JOG DIAL button” to select the “MAIN MENU” (Menu display is change like below)



3. Set the item “REC MODE” to 25M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)
4. In case of 50Mmode, set to 4:3/50M (or 16:9/50M) on item “REC MODE”.

<Adjustment mode setting procedure>

1. Open the “VTR SERVICE MENU” screen.
2. Rotate the “JOG DIAL button” to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the “JOG DIAL button” to open the “VTR SERVICE 2/3” menu screen.
3. Select item “RPL GAIN 25” rotating “JOG DIAL button” .
4. In case of adjust 50M mode, select item ”RPL GAIN 50”.

<How to change and store the value of EVR>

1. After select item “RPL GAIN 25”, press “JOG DIAL button”, then numerical value is flashed.
2. Rotate “JOG DIAL button” to change numerical value for adjustment.
3. Press “JOG DIAL button” to renew the EVR data.

NOTE: The adjusted EVR data is not renewed if camera is turned off when it is in SERVICE MENU MODE.

Click this button , then go to item “1-32. LISTA Sensitivity Adjustment and Sensitivity Detection” .

1-33. LISTA Linearity Adjustment and Waving Measurement

TEST POINT	ATF	ATF ERR: TP601(SERVO P.C.B.)
	HSW	R/P HSW: TP109(SERVO P.C.B.)
	GND	GND: TG300(SERVO P.C.B.)
ADJUST MODE	25M mode	RPL LIN(Service Menu)
	50M mode	

<25M and 50M mode setting procedure>

1. Press the “MENU button” pushing “HOLD button” and “LIGHT button” together so that “CAM SERVICE MENU” screen is appears on VF and VIDEO OUT.
2. Press the JOG DIAL button to select the “MAIN MENU” (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Set the item “REC MODE” to 25M MODE referring following process.
   MAIN MENU → SYSTEM SETTING → SYSTEM MODE → REC MODE 4:3/25M (or 16:9/25M)
4. In case of 50M mode, set to 4:3/50M (or 16:9/50M) on item “REC MODE”.

<Adjustment mode setting procedure>

1. Open the “VTR SERVICE MENU” screen.
2. Rotate the JOG DIAL to select the item “VTR SERVICE 2/3” in “VTR SERVICE MENU” screen and press the JOG DIAL button to open the “VTR SERVICE 2/3” menu screen.
3. Select item “RPL LIN” rotating “JOG DIAL button” and set the status to “ON”.

Click this button , then go to item “1-33. LISTA Linearity Adjustment and Waving Measurement ” .

1-34. Self-REC/PLAY Envelope Waveform Confirmation

TEST POINT	R/P ENV : TP1(HEAD BUFFER P.C.B.), R/P HSW(TRIG) : TP2(HEAD BUFFER P.C.B.)

Click this button , then go to item “1-34. Self-REC/PLAY Envelope Waveform Confirmation” .

7. Table of Connector.

2-1. Cylinder Unit Replacement

Connector (A)	P613
P.C.Board (A)	SERVO

Click this button , then go to item "2-1. Cylinder Unit Replacement" .

2-3. T1 Guide Position Adjustment

<No Tape loading procedure>

1. Press the "MENU button" pushing "HOLD button" and "LIGHT button" together so that "CAM SERVICE MENU" screen is appears on VF and VIDEO OUT.
2. Press the "JOG DIAL button" to select the "VTR SERVICE MENU" (Menu display is change like below)

CAM SERVICE MENU → VTR SERVICE MENU → MAIN MENU

3. Rotate the "JOG DIAL button" to select the item "VTR SERVICE 2/3" in "VTR SERVICE MENU" screen and press the "JOG DIAL button" to open the "VTR SERVICE 2/3" menu screen.
4. Select item "TENSION" rotating "JOG DIAL button" and press "JOG DOAL button", then mechanism to set loading complete condition.

Click this button , then go to item "2-3. T1 Guide Position Adjustment " .

2-5. Supply & Take-up Reel Rotor Unit Replacement (In case of Camera Recorder)

Connector (A)	P614
Connector (B)	P615
P.C.Board (A)	SERVO

Click this button , then go to item "2-5. Supply & Take-up Reel Rotor Unit Replacement (In case of Camera Recorder)" .

2-6. Main Brake Torque Confirmation

<Specification>

Direction A	Direction B
More than 0.8cN (more than 80gcm)	More than 0.15cN (more than 15gcm)

Click this button , then go to item "2-6. Main Brake Torque Confirmation" .

2-10. Pinch Solenoid Replacement

Connector (A)	P610
P.C.Board (A)	SERVO

Click this button , then go to item "2-10. Pinch Solenoid Replacement" .

2-13. Loading Motor replacement

Connector (A)	P611
P.C.Board (A)	SERVO

Click this button , then go to item "2-13. Loading Motor replacement" .

2-14. Mode SW Unit Replacement

Connector (A)	P612
P.C.Board (A)	SERVO

Click this button , then go to item "2-14. Mode SW Unit Replacement " .

2-23. A/C Head Replacement & Adjustment

Connector (A)	P600	Connector (A)	P1003
P.C.Board (A)	SERVO	P.C.Board (A)	CUE

Click this button , then go to item "2-23. A/C Head Replacement & Adjustment" .

2-24. Cleaner Solenoid Replacement & Adjustment

Connector (A)	P618
P.C.Board (A)	SERVO

Click this button , then go to item "2-24. Cleaner Solenoid Replacement & Adjustment" .

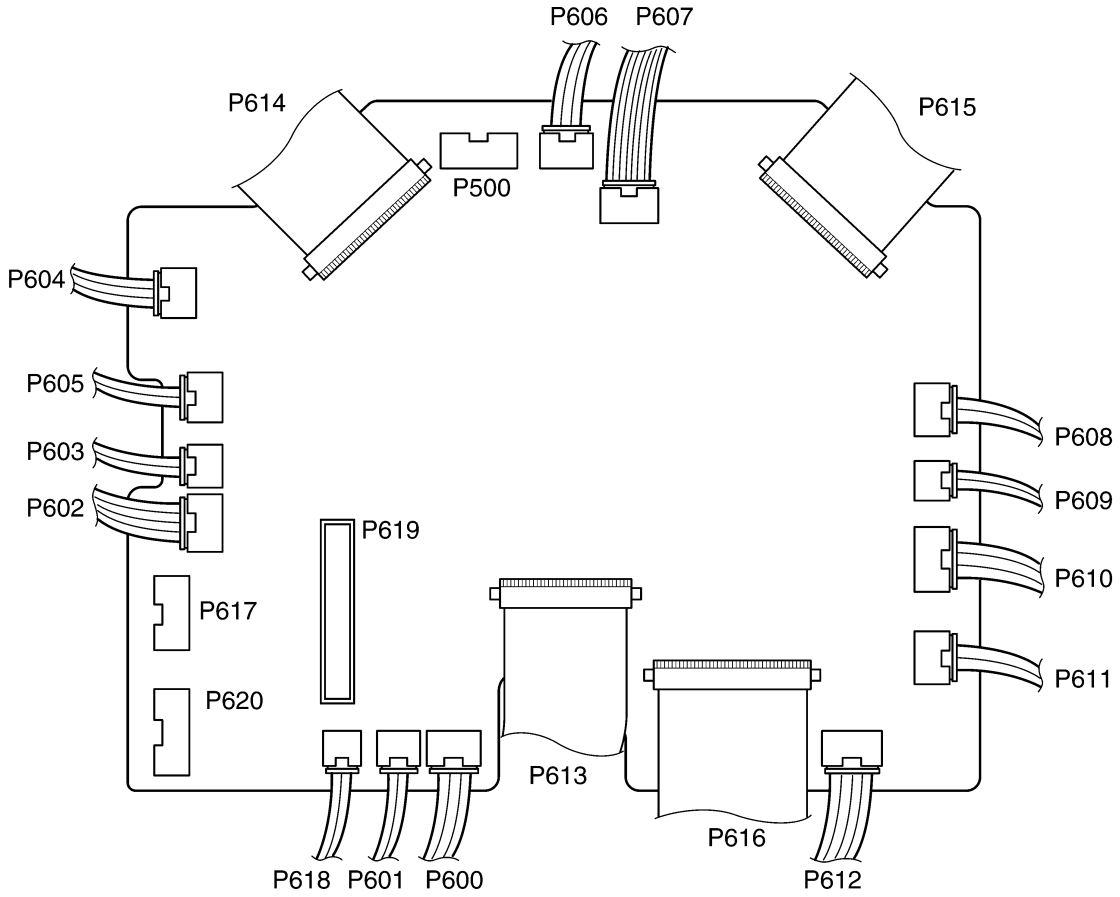
2-26. MIC Sensor SW Unit Replacement (Camera Recorder only)

Connector (A)	P607
P.C.Board (A)	SERVO

Click this button , then go to item "2-26. MIC Sensor SW Unit Replacement (Camera Recorder only)" .

8. Connector Location

SERVO P.C.Board



(COMPONENT SIDE)

Ref No.	Connection
P500	Not Used
P600	CTL (AC Head)
P601	DEW Sensor
P602	Supply Tension Sensor
P603	Supply Photo Sensor
P604	LED
P605	Supply Brake Solenoid
P606	Cassette in Detect SW
P607	MIC Sensor SW Unit
P608	Take-up Brake Solenoid
P609	Take-up Photo Sensor
P610	Pinch Solenoid
P611	Loading Motor
P612	MODE SW
P613	Cylinder Unit
P614	Supply Reel Rotor Unit
P615	Take up Reel Rotor Unit
P616	Capstan Unit
P617	Not Used
P618	Cleaner Solenoid
P619	RF P.C.Board
P620	Not Used

SECTION 3

ELECTRICAL ADJUSTMENT

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1. INTRODUCTION OF ELECTRICAL ADJUSTMENT

1-1. Adjustment after Replacement of Major Part (Circuit Board)

When the following part (Circuit Board) is replaced, adjust the related adjustments as shown below.
When the other part (Circuit Board) of the following list is replaced, no need to adjust.

A. CAMERA Adjustment

NO. / PART (Ref. No. of Exploded Views) ADJUSTMENT		Cam DSP Board (E-9)	Camera Ass'y (H)						
				Head Optical Ass'y (H-11)	CCD Board (H-E1)	Drive Board (H-E2)	Pulse Board (H-E3)	Pre Amp Board (H-E5)	Pre Process Board (H-E4)
	MENU: Read EEPROM IN DA*		**X**						
2-1.	**Int. 27MHz**	**X**		**X**	**X**				
2-2.	**VF Out Level**	**X**		**X**	**X**				
2-3.	**Monitor Out Level**	**X**		**X**	**X**				
2-4.	**Video Out Level**	**X**		**X**	**X**				
2-5.	**Y Out Level**	**X**		**X**	**X**				
2-6.	**Pb / Pr Out Level**	**X**		**X**	**X**				
2-7.	**Color Framing**	**X**		**X**	**X**				
2-8.	**Pulse Cancel**	**X**	**X**	**X**	**X**			**X**	
2-9.	**Test Signal Level**	**X**	**X**	**X**	**X**				**X**
2-10.	**A/D Level Fine**	**X**		**X**	**X**				**X**
2-11.	**Pre Knee Point**	**X**	**X**	**X**	**X**				**X**
2-12.	**Pedestal**	**X**	**X**	**X**	**X**				**X**
2-13.	**Pedestal (P mode)**	**X**	**X**	**X**	**X**				**X**
2-14.	**Pedestal Tracking VR**	**X**	**X**	**X**	**X**				**X**
2-15.	**Standard Sensitivity**	**X**		**X**	**X**	**X**	**X**	**X**	**X**
2-16.	**Standard Sensitivity (P mode)**	**X**		**X**	**X**	**X**	**X**	**X**	**X**
2-17.	**Sub Voltage**			**X**	**X**	**X**	**X**	**X**	**X**
2-18.	**Sub Voltage (P mode)**			**X**	**X**	**X**	**X**	**X**	**X**
2-19.	**Standard Sensitivity Fine**			**X**	**X**	**X**	**X**	**X**	**X**
2-20.	**Standard Sensitivity Fine (P mode)**			**X**	**X**	**X**	**X**	**X**	**X**
2-21.	**Pre Clip Voltage**			**X**	**X**	**X**	**X**	**X**	**X**
2-22.	**Pre Clip Voltage (P mode)**			**X**	**X**	**X**	**X**	**X**	**X**
2-23.	**Pre Clip Carrier (P mode)**			**X**	**X**	**X**	**X**	**X**	**X**
2-24.	**ATW Parameter**	**X**		**X**	**X**				
2-25.	**Modulation Ratio**	**X**		**X**	**X**	**X**	**X**	**X**	
2-26.	**White Shading Offset (0dB)**	**X**	**X**	**X**	**X**				**X**
2-27.	**White Shading Offset (+18dB)**	**X**	**X**	**X**	**X**				**X**
2-28.	**White Shading Offset (+18/+12dB)**	**X**	**X**	**X**	**X**				**X**
2-29.	**White Shading (Standard)**	**X**		**X**	**X**				
2-30.	**White Shading (Extension Lens)**	**X**		**X**	**X**				
2-31.	**White Shading (Converter Lens)**	**X**		**X**	**X**				
2-32.	**Black Shading**	**X**		**X**	**X**				
2-33.	**Flare**	**X**		**X**	**X**				
2-34.	**Gamma (0dB)**	**X**		**X**	**X**				
2-35.	**Gamma (P mode, 0dB)**	**X**		**X**	**X**				
2-36.	**Gamma (+21dB)**	**X**		**X**	**X**				
2-37.	**Gamma (P mode, +21dB)**	**X**		**X**	**X**				

X: Adjustment Required

* The adjustment data of a new Camera Ass'y is pre-installed in the Camera Ass'y. Perform **"Read EEPROM IN DA"** to transfer the adjustment data from the Camera Ass'y to the Camera (NV-RAM). Then the data will available.

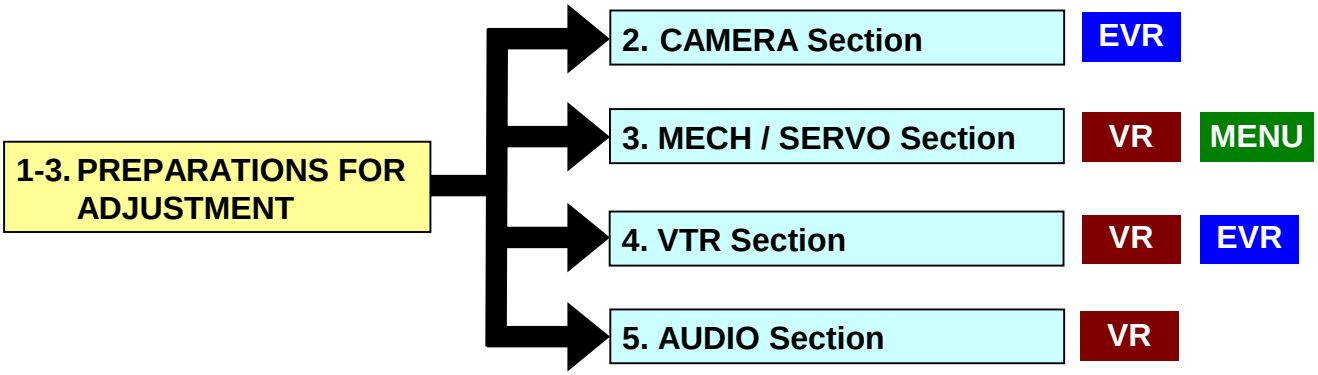
B. MECH/SERVO, RF and AUDIO Adjustment

NO.	ADJUSTMENT / PART (Ref. No. of Exploded Views)	Mechanism Ass'y(17)	Servo Board (E14)	RF EQ Board (E13)	Head Buffer Board (E15)	Audio LCD Board (D-E8)
3-1.	T Reel Torque Offset	X	X			
3-2	S Reel Torque Offset	X	X			
3-3	Tension Offset Voltage		X			
3-4.	Tape Beginning Detection Sensitivity		X			
3-5.	Tape End Detection Sensitivity		X			
3-6.	PG Shifter (1)	X	X			
3-7	PG Shifter (2)	X	X			
3-8.	ATF Envelope Level	X	X			
4-1.	RF Envelope Level	X	X	X	X	
4-2.	Playback Error Rate Confirmation	X	X	X	X	
4-3	Flying Erase Confirmation	X	X	X	X	
4-4.	Recording Current Setting	X	X	X	X	
4-5.	RP Error Rate Confirmation	X	X	X	X	X
4-6.	Head Clogging Detection Level Adj. L-ch	X	X	X	X	X
4-7.	Head Clogging Detection Level Adj. R-ch	X	X	X	X	X
4-8.	Head Clogging Detection Level Adj. Confirmation	X	X	X	X	X
5-1	PB Level					X
5-2	Recording Level (1)					X
5-3	Recording Level (2)					X
5-4	Cue Playback Level					X
5-5	Cue Recording Current					X

X: Adjustment Required

1-2. Contexture of Electrical Adjustment

There are four sections for AJ-SDX900 Electrical Adjustment.
It is possible to start adjustment any section.



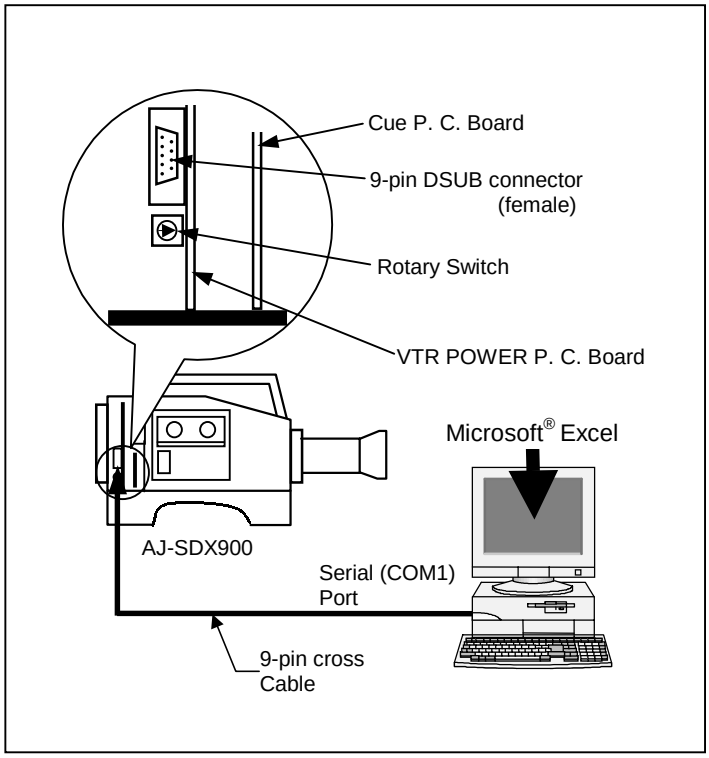
1-3. Preparations for Adjustment

1-3-1. Connection for EVR Adjustment

1. Remove the Cassette Cover ass'y and the Side Case (L) ass'y.
2. Connect a communication cable (9-pin cross cable) as shown bellow with the camera recorder and the PC (Microsoft® Excel should be installed) power off. The 9-pin connector is located on the left side of the camera recorder.
3. Set the rotary switch under the 9-pin connector to "2" (for CAMERA adjustment) or "6" (for VTR adjustment).
4. Turn on the power of PC and the Camera-recorder.

<Rotary switch setting>

0: Default (Operation mode)
1: Write Camera u-com
2: Communicate with Camera u-com
3: Write Servo u-com
4: Communicate with Servo u-com
5: Write VTR u-com
6: Communicate with VTR u-com
7: Write AUDIO/LCD u-com
8: Communicate with AUDIO/LCD u-com (1)
9: Communicate with AUDIO/LCD u-com (2)
A: Communicate with AUDIO/LCD u-com (3)
E: Write Camera FPGA
F: Write VTR FPGA



1-3-2. Menu Setting

Procedures for Electrical Adjustment premised that the MENU settings were original (factory standard) setting.
Before adjustment, save the data of user settings for setup card and return the menus settings to the factory standard settings.
After complete the adjustment, load the data from the setup card.
For detail operation, refer to "Setup card operations" of Operating Instructions.

1-3-3. Service Menu Operation

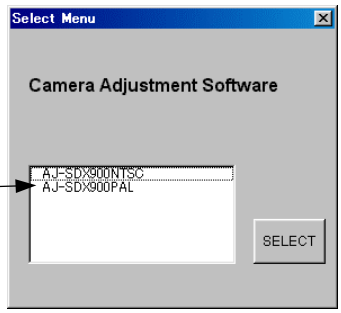
Refer to Service Information (page INF-10) to open the Service Menu.

1-4. Instruction of Adjustment Software (EVR)

AJ-SDX900 (EVR) Adjustment Software is used for **"2. CAMERA Section"** and **"4. VTR Section"**.
There are **"AJ-SDX900 Camera Adjustment Software"** and **"AJ-SDX900 VTR Adjustment Software"** which are available on the global service web site.

- CAUTION -

Before use the adjustment software, read "README" file which is included in the adjustment software (CAMERA, VTR).



Starting EVR Adjustment

1. Execute the EXCEL file ("Cam_EVR.xls" or "Vtr_EVR.xls").
2. Select model of adjustment on Select Menu dialog box as shown right.
3. Start adjustment using following instructions.

AJ-SDX900 EVR Software

AJ-SDX900 Camera Adj. Software

Model	K96 Hontai Adi. Ver. SE
Step	
SEND	
RECEIVE	
FCMT	
item	Adjustment
1	Int 27MHz Adjustment
2	VF Out Level Adjustment
3	Monitor Out Level Adjustment
4	Video Out Level Adjustment
5	Y Out Level Adjustment
6	Pb / Pr Out Level Adjustment
7	Color Framing Adjustment
8	Pluse Cancel Adjustment
9	Test Signal Level Adjustment
10	AD Level Fine Adjustment
11	Pre Knee Point Adjustment
12	Pedestal Adjustment
13	Pedestal Adjustment P mode
14	Pedestal Tracking VR Adjustment
15	Standard Sensivity Adjustment
16	Standard Sensivity Adjustment P mode
17	Sub Voltage Adjustment
18	Sub Voltage Adjustment P mode
19	Standard Sensitivity Fine Adjustment
20	Standard Sensitivity Fine Adjustment P mode
21	Pre Clip Voltage Adjustment
22	Pre Clip Voltage Adjustment P mode
23	Pre Clip Carrier Adjustment P mode
24	ATW Paramater Adjustment
25	Modulation Ratio Adjustment
26	White Shading Offset Adjustment 0dB
27	White Shading Offset Adjustment 18dB
28	White Shading Offset Adjustment 18dB 12dB
29	White Shading Adjustment Standard
30	White Shading Adjustment Extension Lens
31	White Shading Adjustment Converter Lens
32	Black Shading Adjustment
33	Flare Adjustment
34	Gamma Adjustment 0dB
35	Gamma Adjustment P mode 0dB
36	Gamma Adjustment 21dB
37	Gamma Adjustment P mode 21dB
38	----------
39	----------
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	
50	

GO END

When click "GO" button, all adjustment item are executed automatically.

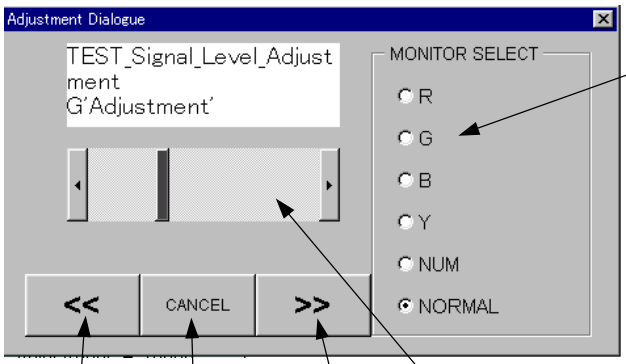
Close the software.

NORMAL 50I
NORMAL 25P

Home position: When execute the software or all adjustments are finished, the cursor is positioned here.
When click "enter" on the key board, start adjustment from item 1 to the end.

Status of the software

This Green color means activated adjustment item. When finish the adjustment color is changed to sky blue. Then Click "ENTER" for next item.
It can select the item individually by mouse click.



Select the MONITOR OUT signal

Move the slider by mouse or click both side buttons for adjustment

Key board operation for adjustment
Page Up : Decrease (Course)
Page Down : Increase (Course)
↑ : Decrease (Regular)
↓ : Increase (Regular)
← : Decrease (Fine)
→ : Increase (Fine)

Forward to next step or adjustment
Pressing the "SPACE" key is available instead of clicking.

When click "CANCEL" button, adjustment data return to original value.
Pressing the "ESC" key is available instead of clicking.

Backward to previous step or adjustment
Pressing the "BS" key is available instead of clicking.

2. ADJUSTMRNTS FOR CAMERA SECTION

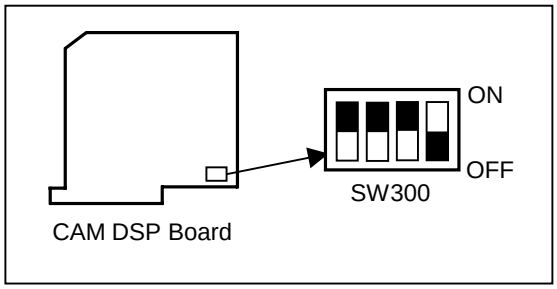
Unless otherwise specified, implement the adjustment of the Camera section by the following setting.

< Lighting >

For the lighting source, use a halogen lamp of 3,100K, 500W and set it to get 2,000lx evenly on the surface of object.

< Camera Setting >

OUTPUT: CAM (AUTO KNEE off)
GAIN: L
WHITE BAL: PRE
CC/ND FILTER: B (3200K) / 1(Clear)
SHUTTER: OFF
Lens Extender: OFF

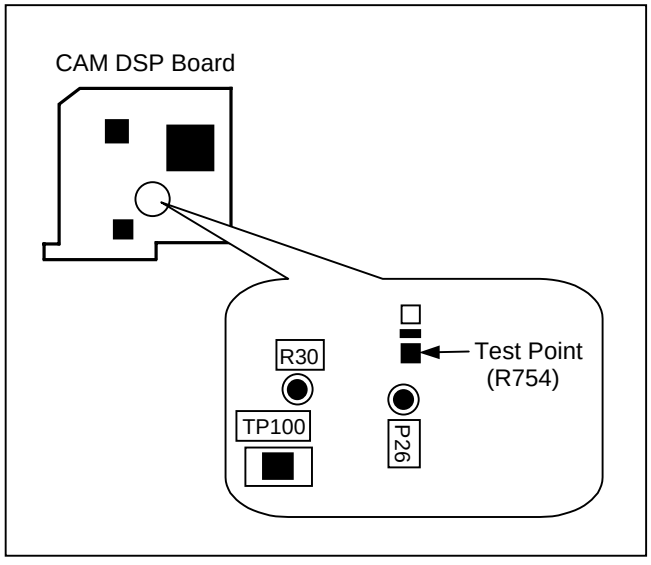


Also set the DIP switch **SW300-4** on the **"CAM DSP Board"** to **"OFF"** as shown Figure upper right. Then execute the "CAMERA adjustment Software for AJ-SDX900". (Download from "Global Service Homepage".)
After finishing the adjustments for CAMERA section, return the DIP switch **SW300-4** to **"ON"**.

2-1. Int. 27MHz Adj.

BOARD	CAM DSP Board
TP	R754 (refer to below.)
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	Frequency Counter
SPEC.	F = 27.000000MHz ± 5Hz

1. Set the OUTPUT switch to **"BARS"**.
2. Connect a Frequency Counter to the Test Point as shown below.

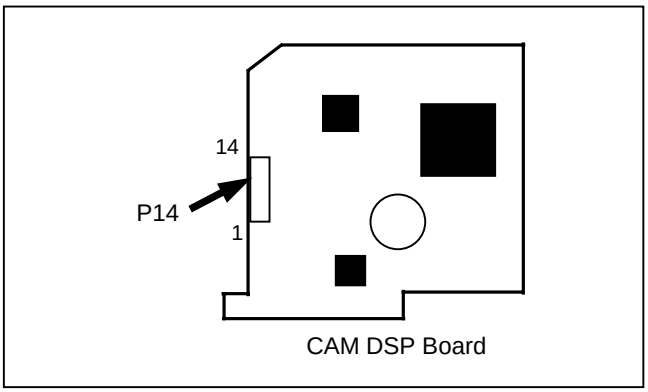


3. Click the **"1. Int 27MHz Adjustment"** of the camera adjustment software.
4. Adjust the Slider on the PC so that the frequency becomes **27.000000MHz ± 5Hz.**
5. Click **">>"**.

2-2. VF Out Level Adj.

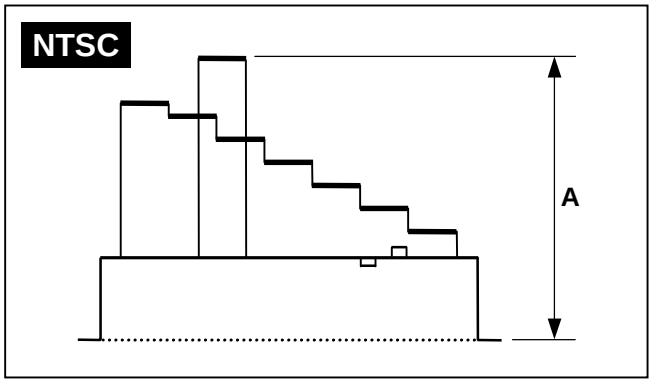
BOARD	CAM DSP Board
TP	Connector P14 - pin13 (Cam DSP)
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	Waveform Monitor (or Oscilloscope)
SPEC.	A = 1,000mVp-p ± 20mV

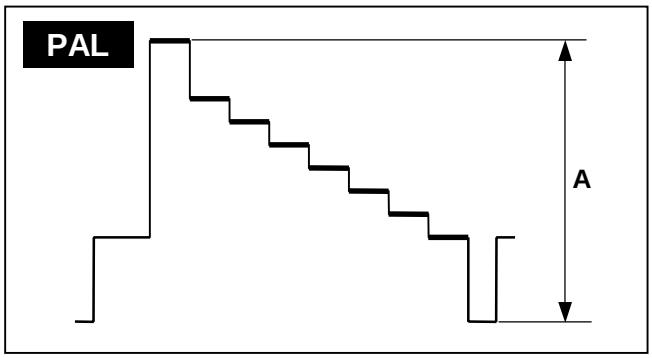
1. Set the OUTPUT switch to **"BARS"**.
2. Connect a Waveform Monitor (or Oscilloscope) to the pin13 of connector P14 on the CAM DSP Board as shown below.



3. Click the **"2. Out Level Adjustment"** of the camera adjustment software.
4. Adjust the Slider on the PC so that the video level (A) becomes **1,000mVp-p ± 20mV**.
5. Click **">>"**.

- Continued on the next page -

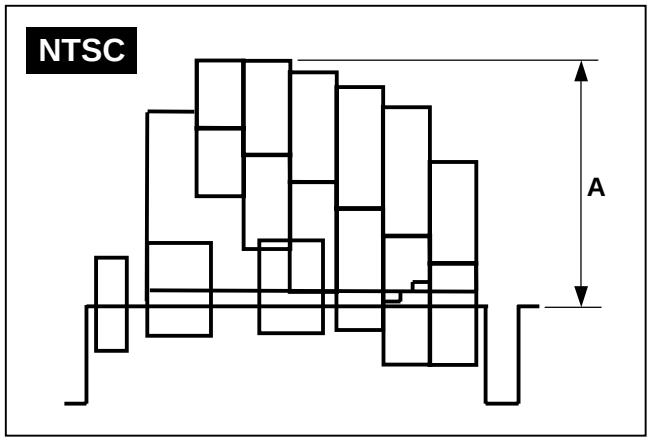




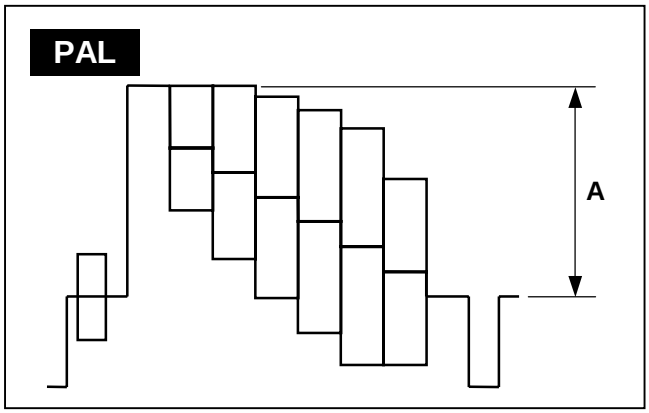
2-3. Monitor Out Level Adj.

BOARD	CAM DSP Board
TP	MONITOR OUT (75 ohm terminated)
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	Waveform Monitor
SPEC.	NTSC: A = 714mVp-p ± 7mV PAL : A = 700mVp-p ± 7mV

1. Set the OUTPUT switch to **"BARS"**.
2. Connect a Waveform Monitor to the **"MON OUT"** connector.
3. Click the **"3. Monitor Out Level Adjustment"** of the camera adjustment software.
4. Adjust the Slider on the PC so that the level **"A"** is in the specification.



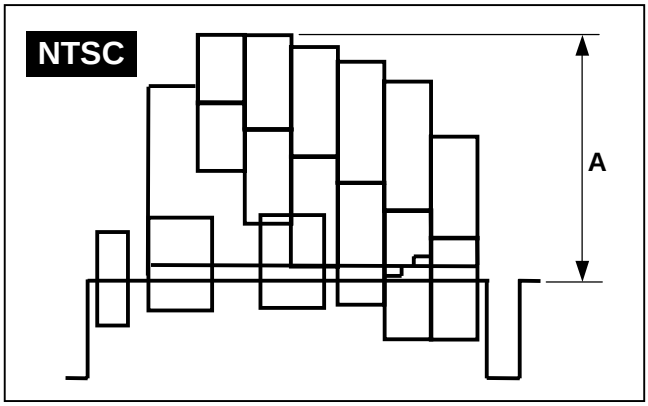
5. Click **">>"**.

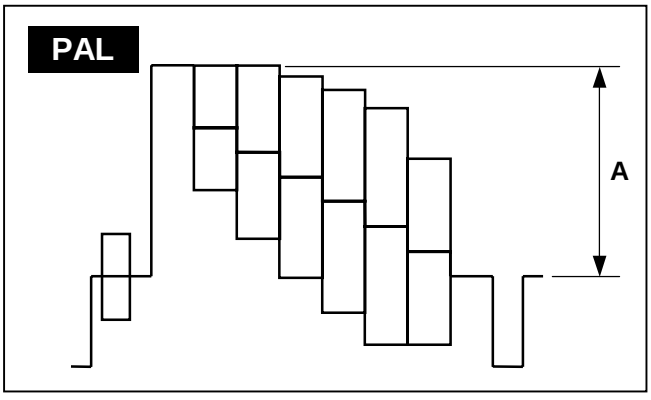


2-4. Video Out Level Adj.

BOARD	CAM DSP Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	Waveform Monitor
SPEC.	NTSC: A = 714mVp-p ± 7mV PAL : A = 700mVp-p ± 7mV

1. Set the OUTPUT switch to **"BARS"**.
2. Connect a Waveform Monitor to the **"VIDEO OUT"** connector.



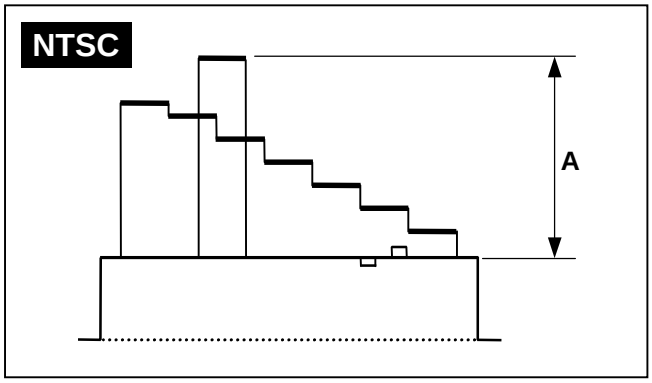


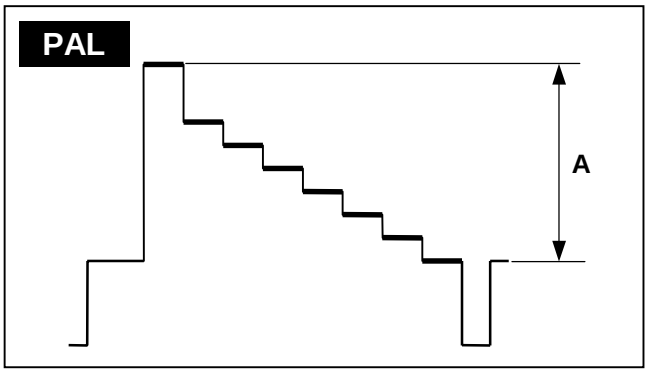
3. Click the **"4. VIDEO Out Level Adjustment"** of the camera adjustment software.
4. Adjust the Slider on the PC so that the level **"A"** is in the specification.
5. Click **">>"**.

2-5. Y Out Level Adj.

BOARD	CAM DSP Board
TP	P9810 – pin 5 (HOT), 6 (GND) (INTERFACE Board) (75 ohm terminated)
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	Oscilloscope
SPEC.	A = 700mVp-p ± 7mV

1. Set the OUTPUT switch to **"BARS"**.
2. Hold down **"MENU"** button for 3 seconds or more to open MAIN MENU.
3. Set the COMPONENT OUT in the SYSTEM SETTING menu to **"BETACAM"** (NTSC) or **"Y"** (PAL). (MAIN MENU > SYSTEM SETTING > OPTION MODE > COMPONENT OUT)
4. Connect an Oscilloscope to **pin 5 (HOT)** and **pin 6 (GND)** of connector **P9810** on the INTERFACE Board.
5. Click the **"5. Y Out Level Adjustment"** of the camera adjustment software.
6. Adjust the Slider on the PC so that the level **"A"** becomes **700mVp-p ± 7mV**.



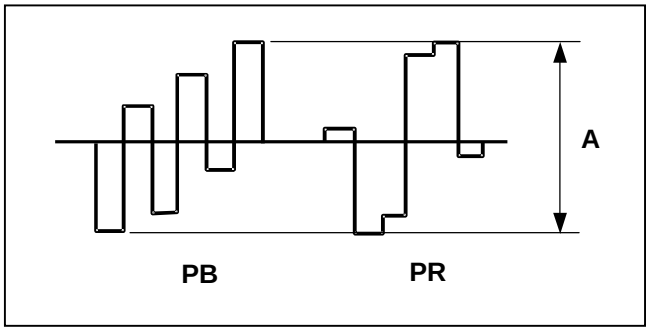


7. Click **">>"**.

2-6. PB / PR Out Level Adj.

BOARD	CAM DSP Board
TP	PB: P9810 – pin 1 (HOT), 2 (GND) PR: P9810 – pin 3 (HOT), 4 (GND) (INTERFACE Board) (75 ohm terminated)
ADJ.	VR900 (PB LV) , VR901 (PR LV)
F No.	-
MODE	BARS
M. EQ.	Oscilloscope
SPEC.	NTSC: A = 757mVp-p ± 8mV PAL: A = 525mVp-p ± 5mV

1. Set the OUTPUT switch to **"BARS"**.
2. Hold down **"MENU"** button for 3 seconds or more to open the MAIN MENU.
3. Set the COMPONENT OUT in the SYSTEM SETTING menu to **"BETACAM"** (NTSC) or **"Y"** (PAL). (MAIN MENU > SYSTEM SETTING > OPTION MODE > COMPONENT OUT)
4. Connect an Oscilloscope to **pin 1 (HOT)** and **pin 2 (GND)** of connector **P9810** on the INTERFACE Board.
5. Adjust **VR900** so that the level **"A"** is in the specification.
6. Connect an Oscilloscope to **pin 3 (HOT)** and **pin 4 (GND)** of connector **P9810** on the INTERFACE Board.
7. Adjust **VR901** so that the level **"A"** is in the specification.



2-7. Color Framing Adj.

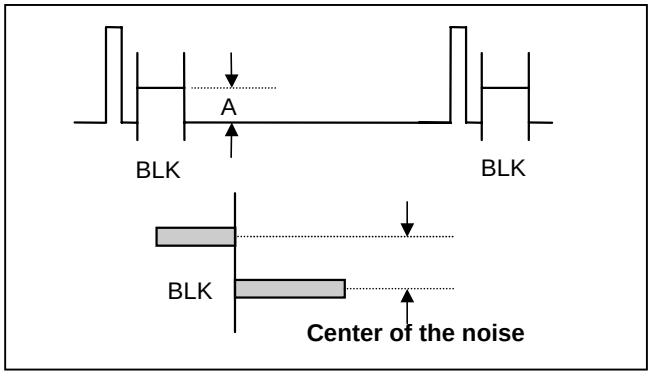
BOARD	CAM DSP Board
TP	-
ADJ.	EVR
F No.	-
MODE	BARS
M. EQ.	-
SPEC.	2048

1. Set the OUTPUT switch to **"BARS"**.
2. Click the **"6. Color Framing Adjustment"** of the camera adjustment software.
3. Set the value of the status cell (4:ADJ) to **"2048"**.
4. Click **">>"**.

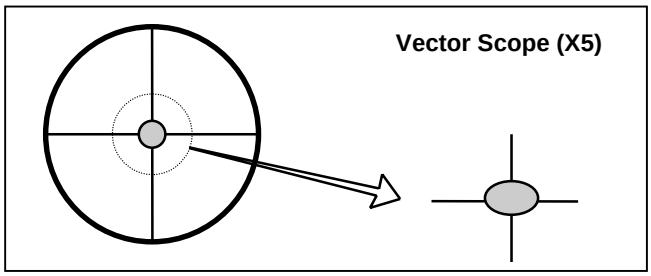
2-8. Pulse Cancel Adj.

BOARD	PRE AMP Board
TP	TP103 (R), TP303 (G), TP503 (B) (PRE PROCESS Board)
ADJ.	EVR
F No.	-
MODE	CAM ON
M. EQ.	Oscilloscope
SPEC.	Level of center of noise = Level of BLK period

1. Click the **"7. Pulse Cancel Adjustment"** of the camera adjustment software.
2. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC (EVR) so that the center of the noise of signal period and BLK period are the same.
3. Confirm that the level of horizontal blanking period is not change during operating "GAIN" switch L, M, H.
   If the level is changed, return to step 2 and adjust again.
4. Click **">>"**.
5. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC (EVR) so that the center of the noise of signal period and BLK period are the same.
6. Confirm that the level of horizontal blanking period is not change during operating "GAIN" switch L, M, H.
   If the level is changed, return to step 5 and adjust again.
7. Click **">>"**.
8. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC (EVR) so that the center of the noise of signal period and BLK period are the same.
9. Confirm that the level of horizontal blanking period is not change during operating "GAIN" switch L, M, H.
   If the level is changed, return to step 8 and adjust again.



10. Connect a Vector Scope then set the gain to Max.
11. Confirm the black dot is on the origin of the Vector Scope during operating "GAIN" switch L, M, H.
    If the black dot is moved, return to step 2 and adjust again.

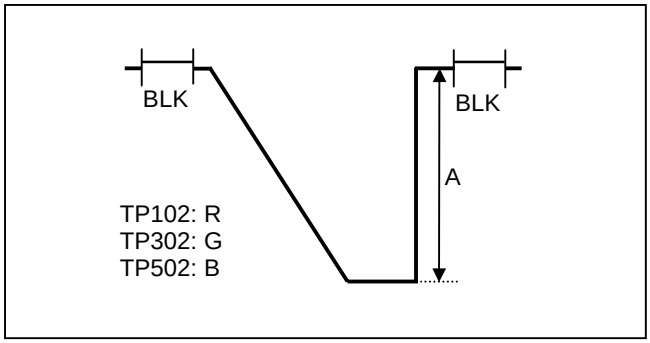


12. Click **">>"**.

2-9. Test Signal Level Adj.

BOARD	PRE PROCESS Board
TP	TP103 (R), TP303 (G), TP503 (B) (PRE PROCESS Board)
ADJ.	EVR
SIGNAL	Internal TEST Ramp Signal
MODE	-
M. EQ.	Oscilloscope
SPEC.	A = 1,000mVp-p ± 10mV

1. Click the **"8. Test Signal Level Adjustment"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera and click **"OK"**.
3. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC so that the level **"A"** becomes **1,000mVp-p ± 10mV**.

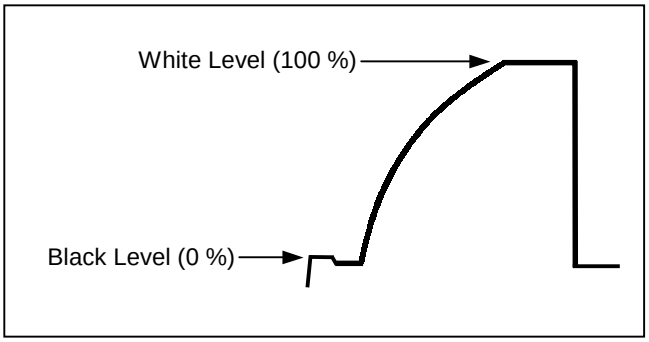


4. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
5. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
6. Click **">>"**.

2-10. AD Level Fine Adj.

BOARD	CAM DSP Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
SIGNAL	Internal TEST Ramp Signal
MODE	-
M. EQ.	Waveform Monitor
SPEC.	White Level = Color bar's white

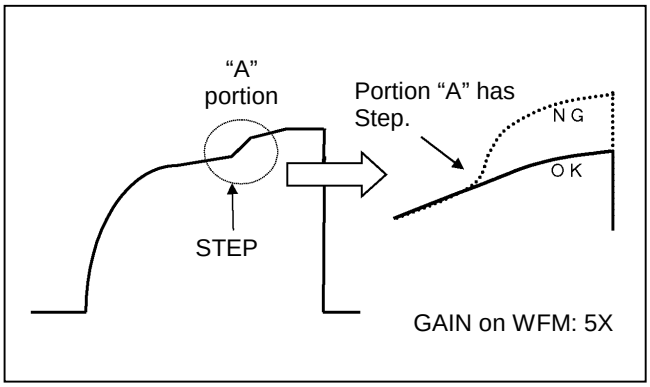
1. Set the OUTPUT switch to **"BARS"**.
2. Click the **"9. AD Level Fine Adjustment"** of the camera adjustment software.
3. Confirm that the white level is **100% ± 1%** and click **"OK"**.
4. Set the OUTPUT switch to **"CAM (AUTO KNEE OFF)"**.
5. Adjust the Slider on the PC so that the white level becomes **100% (Color bar's white) ± 1%**.
6. Click **">>"**.
7. Adjust the Slider on the PC so that the white level becomes **100% (Color bar's white) ± 1%**.
8. Click **">>"**.
9. Adjust the Slider on the PC so that the white level becomes **100% (Color bar's white) ± 1%**.
10. Click **">>"**.



2-11. Pre Knee Point Adj.

BOARD	PRE PROCESS Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
SIGNAL	Internal TEST Ramp Signal
MODE	-
M. EQ.	Waveform Monitor
SPEC.	A PORTION = FLAT (No step)

1. Set the OUTPUT switch to **"CAM (AUTO KNEE OFF)"**.
2. Click the **"10. Pre Knee point Adjustment"** of the camera adjustment software.
3. Adjust the Slider on the PC so that the waveform becomes **FLAT (no step)**.
4. Click **">>"**.
5. Adjust the Slider on the PC so that the waveform becomes **FLAT (no step)**.
6. Click **">>"**.
7. Adjust the Slider on the PC so that the waveform becomes **FLAT (no step)**.

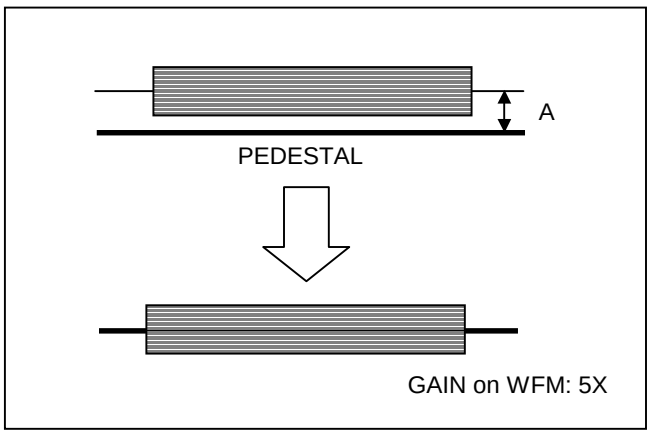


8. Click **">>"**.

2-12. Pedestal Adj.

BOARD	PREPROCESS Board
TP	VIDEO OUT (G) (75 ohm terminated)
ADJ.	EVR
F No.	CLOSE
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	PEDESTAL = 0 % ± 1 %

1. Click the **"11. Pedestal Adjustment"** of the camera adjustment software.
2. Confirm that the lens is close and click **"OK"**.
3. Operate the **"ABB"** switch on the front of the Camera and click **"OK"**.
4. Adjust the Slider on the PC so that the Pedestal level becomes **0 % ± 1 %**.



5. Click **">>"**.

2-13. Pedestal Adj. (P mode)

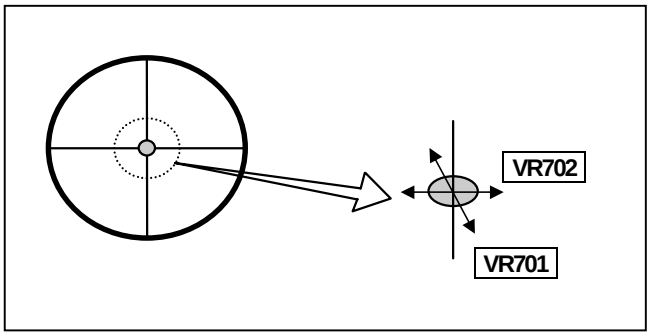
BOARD	PREPROCESS Board
TP	VIDEO OUT (G) (75 ohm terminated)
ADJ.	EVR
F No.	CLOSE
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	PEDESTAL = 0 % ± 1 %

1. Confirm that the lens is close.
2. Click the **"12. Pedestal Adjustment P mode"** of the camera adjustment software.
3. Operate the **"ABB"** switch on the front of the Camera and click **"OK"**.
4. Adjust the Slider on the PC so that the Pedestal level becomes **0 % ± 1 %** as shown in 2-12.
5. Click **">>"**.
6. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**"** or **"NORMAL 50I** (for PAL)**"**.

2-14. Pedestal Tracking VR Adj.

BOARD	PREPROCESS Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	VR701 (R PED TRACK), VR702 (B PED TRACK)
F No.	CLOSE
MODE	CAM
M. EQ.	Vector Scope
SPEC.	CENTER

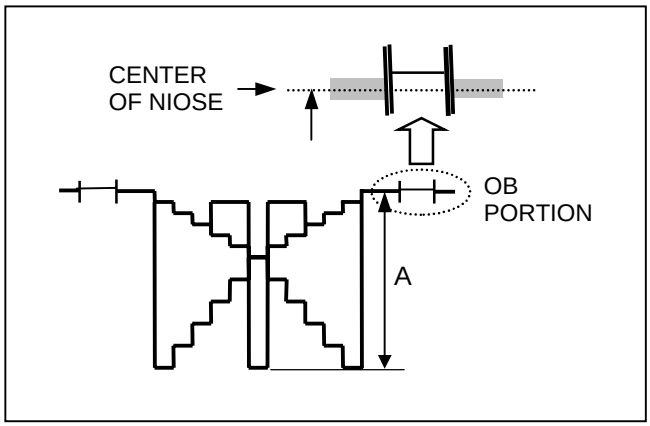
1. Confirm that the lens is close.
2. Click the **"13. Pedestal Tracking VR Adjustment"** of the camera adjustment software.
3. Operate the **"ABB"** switch on the front of the Camera and click **"OK"**.
4. Adjust the slider so that the Black level becomes **0%**.
5. Set a gain of a vector scope to 10X.
6. Operate the **"ABB"** switch on the front of the Camera again.
7. Adjust **VR701 (R PED TRACK)** and **VR702 (B PED TRACK)** so that the black dot is on the center of the Vector Scope.
8. Click **">>"**.
9. Operate the **"ABB"** switch on the front of the Camera and confirm that the black dot is on the center of the Vector Scope. If the black dot is not on the center, adjust **VR701 (R PED TRACK)** and **VR702 (B PED TRACK)** again.
10. Click **"OK"** of confirmation dialog box.
11. If the black dot is not on the center, adjust **VR701 (R PED TRACK)** and **VR702 (B PED TRACK)** again.
12. Click **"NO"** of VR Adjustment dialog box.
13. Operate the **"ABB"** switch on the front of the Camera again.
14. If the black dot is not on the center, return to item 7 and adjust **VR701 (R PED TRACK)** and **VR702 (B PED TRACK)** again.
15. Click **"YES"** of VR Adjustment dialog box.



2-15. Standard Sensitivity Adj.

BOARD	PREPROCESS Board
TP	TP103 (R), TP303 (G), TP503 (B)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	Gray Scale
MODE	CAM
M. EQ.	Oscilloscope
SPEC.	A = 1,000mVp-p ± 10mV

1. Click the **"14. Standard Sensitivity Adjustment"** of the camera adjustment software.
2. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
3. Click **">>"**.
4. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
5. Click **">>"**.
6. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.



7. Click **">>"**.

2-16. Standard Sensitivity Adj. (P mode)

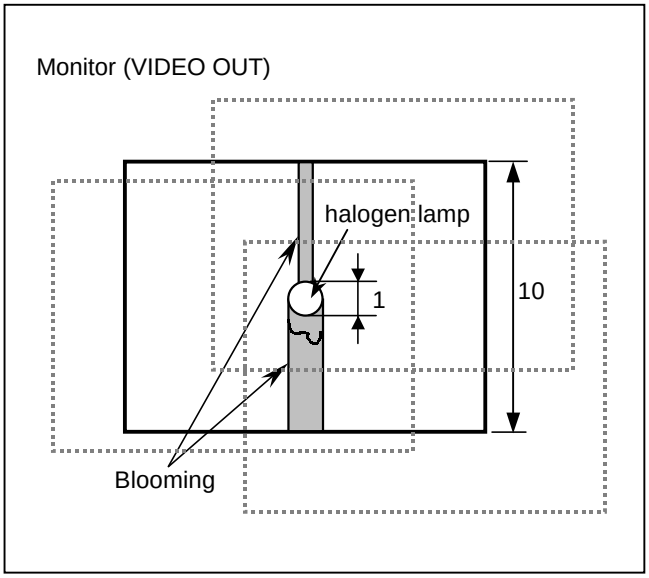
BOARD	PREPROCESS Board
TP	TP103 (R), TP303 (G), TP503 (B)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	Gray Scale
MODE	CAM
M. EQ.	Oscilloscope
SPEC.	A = 1,000mVp-p ± 10mV

1. Click the **"15. Standard Sensitivity Adjustment P mode"** of the camera adjustment software.
2. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC (EVR) so that the level (A) becomes **1,000mVp-p ± 10mV** as shown in 2-15.
3. Click **">>"**.
4. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC (EVR) so that the level (A) becomes **1,000mVp-p ± 10mV** as shown in 2-15.
5. Click **">>"**.
6. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC (EVR) so that the level (A) becomes **1,000mVp-p ± 10mV** as shown in 2-15.
7. Click **">>"**.
8. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**" or "NORMAL 50I** (for PAL)**"**.

2-17. Sub Voltage Adj.

BOARD	DRIVE Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	-
MODE	CAM
M. EQ.	Monitor TV, Oscilloscope
SPEC.	No Blooming

1. Set the shutter 1/2,000.
2. Shoot a 500W halogen light and set the zoom position so that the halogen light size is approximately 1/10 of the vertical direction of the monitor as shown figure.
3. Click the **"16. Sub Voltage Adjustment"** of the camera adjustment software.
4. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
5. Click **">>"**.
6. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
7. Click **">>"**.
8. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
9. Click **">>"**.
10. Connect a oscilloscope to **TP103 (R), TP303 (G), TP503 (B)** and confirm that the level of saturation is more than 450%. If the level of saturation is under 450%, adjust again.



2-18. Sub Voltage Adj. (P mode)

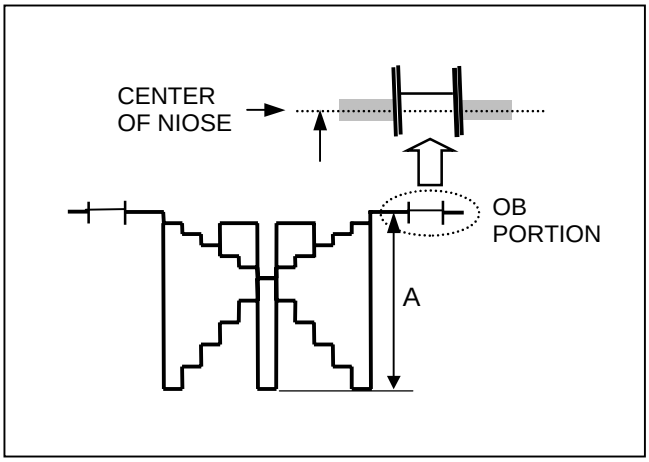
BOARD	DRIVE Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	-
MODE	CAM
M. EQ.	Monitor TV, Oscilloscope
SPEC.	No Blooming

1. Set the shutter 1/2,000.
2. Shoot a 500W halogen light and set the zoom position so that the halogen light size is approximately 1/10 of the vertical direction of the monitor as shown in as shown in 2-17.
3. Click the **"17. Sub Voltage Adjustment P mode"** of the camera adjustment software.
4. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
5. Click **">>"**.
6. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
7. Click **">>"**.
8. Adjust the slider so that the blooming is disappeared at the any position of the monitor screen as shown figure.
9. Click **">>"**.
10. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**" or "NORMAL 50I** (for PAL)**"**.

2-19. Standard Sensitivity Fine Adj.

BOARD	PREPROCESS Board
TP	TP103 (R), TP303 (G), TP503 (B)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	Gray Scale
MODE	CAM
M. EQ.	Oscilloscope
SPEC.	A = 1,000mVp-p ± 10mV

1. Click the **"18. Standard Sensitivity Fine Adjustment"** of the camera adjustment software.
2. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
3. Click **">>"**.
4. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.
5. Click **">>"**.
6. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV**.



7. Click **">>"**.

2-20. Standard Sensitivity Fine Adj. (P mode)

BOARD	PREPROCESS Board
TP	TP103 (R), TP303 (G), TP503 (B)
ADJ.	EVR
F No.	F11 + 1/2 (2,000lux)
CHART	Gray Scale
MODE	CAM
M. EQ.	Oscilloscope
SPEC.	A = 1,000mVp-p ± 10mV

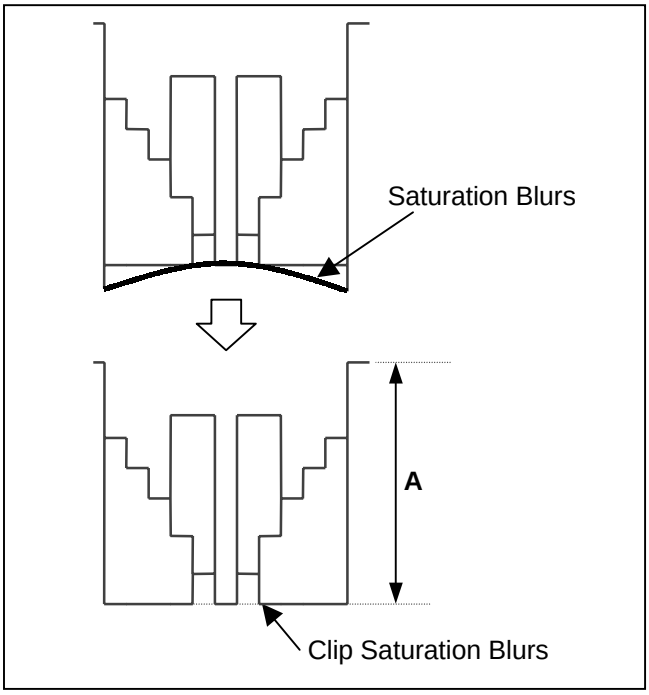
1. Click the **"19. Standard Sensitivity Fine Adjustment P mode"** of the camera adjustment software.
2. Connect a scope to **TP103** (R-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV** as shown in 2-19.
3. Click **">>"**.
4. Connect a scope to **TP303** (G-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV** as shown in 2-19.
5. Click **">>"**.
6. Connect a scope to **TP503** (B-ch) and adjust the Slider on the PC (EVR) so that the level **"A"** becomes **1,000mVp-p ± 10mV** as shown in 2-19.
7. Click **">>"**.

2-21. Pre Clip Voltage Adj.

BOARD	PREAMP Board
TP	TP102 (R), TP302 (G), TP502 (B)
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Monitor TV, Oscilloscope
SPEC.	Saturation Level = 500% (minimum 450%)

1. Click the **"20. Pre Clip Voltage Adjustment"** of the camera adjustment software.
2. Connect a scope to **TP102 (R), TP302 (G), TP502 (B)**.
3. Shoot a Gray Scale Chart and adjust the IRIS so that the video level of the VIDEO OUT becomes 100% at the white portion.
4. Measure the level of **TP102 (R), TP302 (G), TP502 (B)** (about 400mV) and note it.
5. Set the IRIS to **"F4"**.
6. Adjust the Slider on the PC so that the saturation level (A) of the **R** signal (**TP102**) becomes more than **5 times** (500%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
7. Click **">>"**.
8. Adjust the Slider on the PC so that the saturation level (A) of the **G** signal (**TP302**) becomes more than **5 times** (500%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
9. Set the IRIS to **"F2.8"**.
10. Click **">>"**.
11. Adjust the Slider on the PC so that the saturation level (A) of the **B** signal (**TP502**) becomes more than **5 times** (500%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
12. Click **">>"**.
13. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**" or "NORMAL 50I** (for PAL)**"**.

- Continued on the next page -



2-22. Pre Clip Voltage Adj. (P mode)

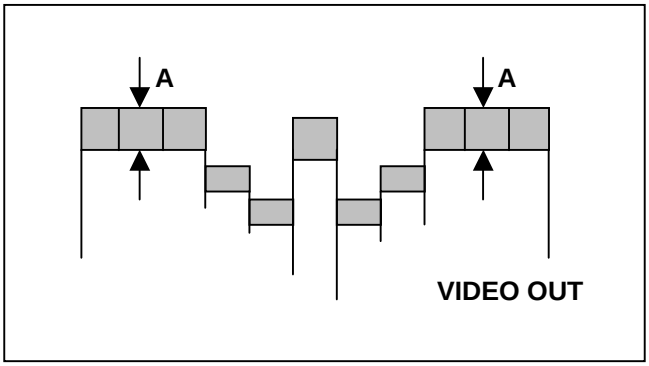
BOARD	PREAMP Board
TP	TP502 (B), TP302 (G), TP102 (R),
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Monitor TV, Oscilloscope
SPEC.	Saturation Level = more than 250%

1. Click the **"21. Pre Clip Voltage Adjustment P mode"** of the camera adjustment software.
2. Connect a scope to **TP502 (B), TP302 (G), TP102 (R)**.
3. Shoot a Gray Scale Chart and adjust the IRIS so that the video level of the VIDEO OUT becomes 100% at the white portion.
4. Measure the level of **TP502 (B), TP302 (G), TP102 (R)** (about 400mV) and note it.
5. Set the IRIS to **"F5.6"**.
6. Adjust the Slider on the PC so that the saturation level (A) of the **B** signal (**TP502**) becomes more than **2.5 times** (250%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
7. Click **">>"**.
8. Adjust the Slider on the PC so that the saturation level (A) of the **G** signal (**TP302**) becomes more than **2.5 times** (250%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
9. Click **">>"**.
10. Adjust the Slider on the PC so that the saturation level (A) of the **R** signal (**TP102**) becomes more than **2.5 times** (250%) from 100% level (measured in step 4) and no saturation blurs (curve) as shown in Figure.
11. Click **">>"**.

2-23. Pre Clip Carrier Adj. (P mode)

BOARD	PREAMP Board
TP	VIDEO OUT
ADJ.	EVR
F No.	F5.6
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	Minimum

1. Click the **"22. Pre Clip Voltage Adjustment P mode"** of the camera adjustment software.
2. Connect a waveform monitor to **VIDEO OUT**.
3. Shoot a Gray Scale Chart.
4. Set the IRIS to **"F5.6"**.
5. Set the gain of waveform monitor to 5X.
6. Adjust the Slider on the PC so that the level **"A"** becomes minimum as shown below.
7. Click **">>"**.
8. Adjust the Slider on the PC so that the level **"A"** becomes minimum as shown below.
9. Click **">>"**.
10. Adjust the Slider on the PC so that the level **"A"** becomes minimum as shown below.
11. Click **">>"**.



12. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**" or "NORMAL 50I** (for PAL)**"**.

2-24. ATW Parameter Adj.

BOARD	CAMDSP Board
TP	VIDEO OUT
ADJ.	EVR
F No.	-
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	-

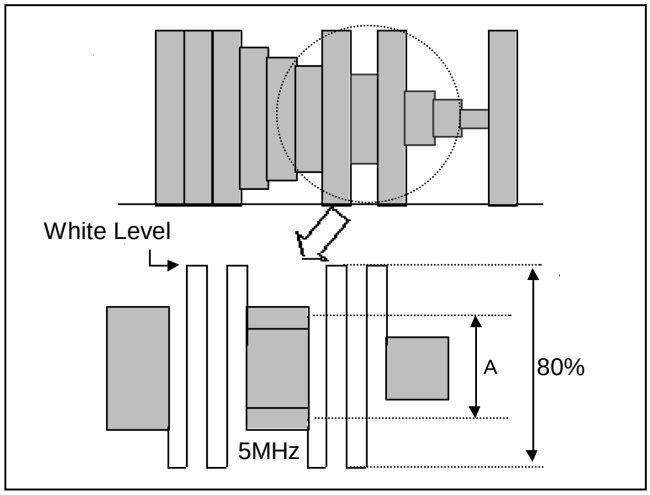
1. Set the lens to **"WIDE"**.
2. Click the **"23. ATW Parameter Adjustment"** of the camera adjustment software.
3. Set a CC Filter (LBB12) in the front of the lens.
4. Connect a waveform monitor to **VIDEO OUT** and set a chroma filter ON.
5. Shoot a Gray Scale Chart and adjust the IRIS so that the video level of the VIDEO OUT becomes **80%** at the white portion and click **"OK"**.

< NOTE >
When retry the "ATW Parameter Adj.", adjust after operate the power switch OFF and ON.

2-25. Modulation Ratio Adj.

BOARD	PULSE Board
TP	VIDEO OUT (Y) (75 ohm terminated)
ADJ.	EVR
F No.	F5.6 - F4
CHART	Immega Cycle Chart
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	5MHz = more than 70%

1. Set the shutter **1/500**.
2. Shoot a Immega Chart and adjust the IRIS so that the level of the VIDEO OUT becomes **80%** at the white portion.
3. Operate the **"AWB"** and **"ABB"** switch on the front of the Camera.
4. Click the **"24. Modulation Ratio Adjustment"** of the camera adjustment software and click **"OK"**.
5. Adjust the IRIS again as step 2.
6. Adjust the Slider on the PC so that the level of 5MHz (**"A"**) becomes maximum (more than 70%) as shown figure.
7. Click **">>"**.
8. Set the shutter **1/2,000**.
9. Adjust the IRIS so that the level of the VIDEO OUT becomes **80%** at the white portion.
10. Operate the **"AWB"** switch on the front of the Camera.
11. Click **"OK"**.
12. Adjust the Slider on the PC so that the level of 5MHz (**"A"**) becomes maximum (more than 70%) as shown figure.
13. Click **">>"**.
14. Set the ND Filter to **"2" (1/4ND)**.
15. Adjust the IRIS so that the level of the VIDEO OUT becomes **80%** at the white portion.
16. Operate the **"AWB"** switch on the front of the Camera.
17. Click **"OK"**.
18. Adjust the Slider on the PC so that the level of 5MHz (**"A"**) becomes maximum (more than 70%) as shown figure.
19. Click **">>"**.
20. After compleate the adjustment, click **"NORMAL 60I** (for NTSC)**" or "NORMAL 50I** (for PAL)**"**.

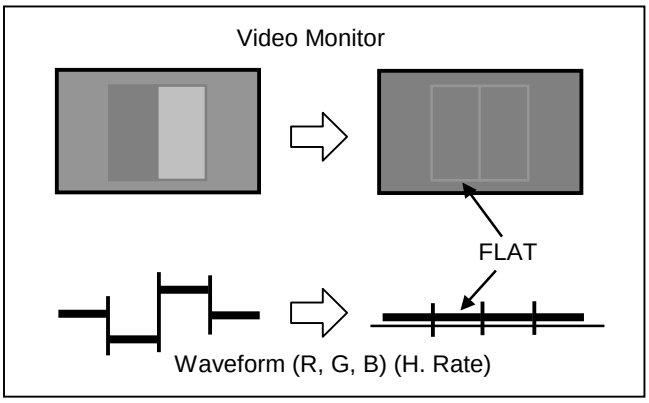


2-26. White Shading Offset Adj. (0 dB)

BOARD	PREPROCESS Board
TP	VIDEO OUT (R, G, B)
ADJ.	EVR
F No.	CLOSE
CHART	-
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	FLAT

1. Set the Lens close.
2. Confirm that the WHITE BAL is **"PRST"**.
3. Set the gain of waveform monitor to 5X.
4. Operate the **"ABB"** switch on the front of the Camera.
5. Click the **"25. White Shading Offset Adjustment 0dB"** of the camera adjustment software.
6. Click **"OK"**.
7. Adjust the slider on the PC so that the waveform becomes FLAT as shown figure.
8. Click **">>"**.
9. Adjust the slider on the PC so that the waveform becomes FLAT as shown figure.
10. Click **">>"**.
11. Adjust the slider on the PC so that the waveform becomes FLAT as shown figure.
12. Click **">>"**.
13. Confirm that the picture on the monitor is FLAT (no color shading). If the color shading is appeared, adjust again.

- Continued on the next page -



2-27. White Shading Offset Adj. (+18 dB)

BOARD	PREPROCESS Board
TP	VIDEO OUT (R, G, B)
ADJ.	EVR
F No.	CLOSE
CHART	-
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	FLAT

1. Set the Lens close.
2. Confirm that the WHITE BAL is **"PRST"**.
3. Click the **"26. White Shading Offset Adjustment +18dB"** of the camera adjustment software.
4. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
5. Click **">>"**.
6. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
7. Click **">>"**.
8. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
9. Click **">>"**.
10. Confirm that the picture on the monitor is FLAT (no color shading). If the color shading is appeared, adjust again.

2-28. White Shading Offset Adj. (+18 / +12 dB)

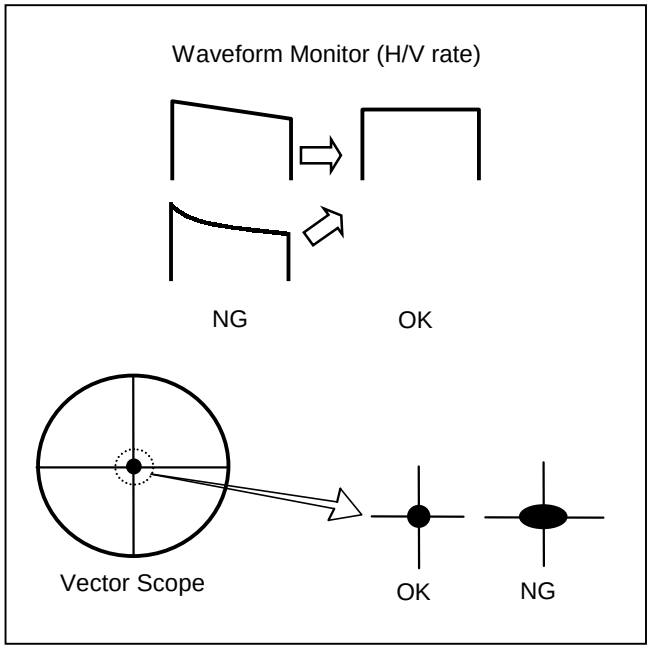
BOARD	PREPROCESS Board
TP	VIDEO OUT (R, G, B)
ADJ.	EVR
F No.	CLOSE
CHART	-
MODE	CAM
M. EQ.	Waveform Monitor
SPEC.	FLAT

1. Set the Lens close.
2. Confirm that the WHITE BAL is **"PRST"**.
3. Click the **"27. White Shading Offset Adjustment 18dB 12dB"** of the camera adjustment software.
4. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
5. Click **">>"**.
6. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
7. Click **">>"**.
8. Adjust the slider on the PC so that the waveform becomes FLAT as shown in 2-26.
9. Click **">>"**.
10. Confirm that the picture on the monitor is FLAT (no color shading). If the color shading is appeared, adjust again.

2-29. White Shading Adj. (Standard)

BOARD	CAMDSP Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	100% White Chart
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope, Video Monitor
SPEC.	FLAT

1. Click the **"28. White Shading Adjustment Standard"** of the camera adjustment software.
2. Set the zoom of lens to **"160"** and adjust focus of lens so that the output picture is fully white.
3. Set the Sutter 1/250.
4. Set the gain of waveform monitor to 5X.
5. Adjust IRIS of lens so that the white level becomes 70 to 80%.
6. Operate the **"AWB"** switch on the front of the Camera.
7. Click **"OK"**.
8. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown below.



2-30. White Shading Adj. (Extension Lens)

BOARD	CAMDSP Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	100% White Chart
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope, Video Monitor
SPEC.	FLAT

1. Set the EXTENDER of lens to 2X.
2. Click the **"White Shading Adjustment Extension Lens"** of the camera adjustment software.
3. Set the zoom of lens to **"160"** and adjust focus of lens so that the output picture is fully white.
4. Set the Sutter 1/250.
5. Set the gain of waveform monitor to 5X.
6. Adjust IRIS of lens so that the white level becomes 70 to 80%.
7. Operate the **"AWB"** switch on the front of the Camera.
8. Click **"OK"**.
9. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown in 2-29.

2-31. White Shading Adj. (Converter Lens)

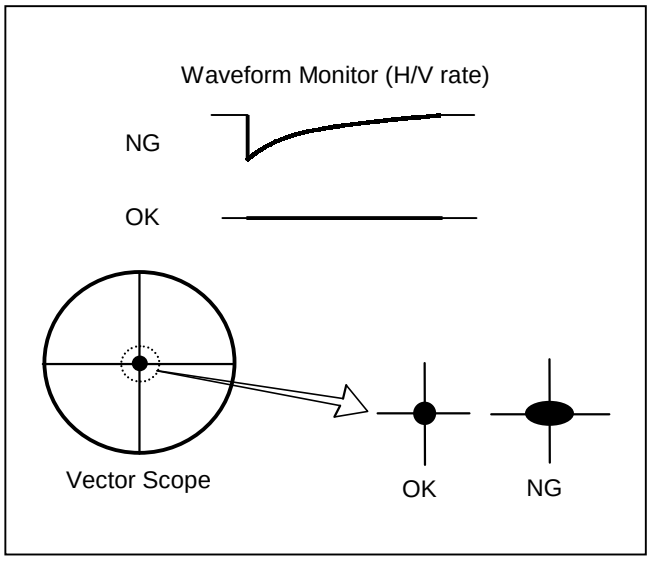
BOARD	CAMDSP Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	100% White Chart
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope, Video Monitor
SPEC.	FLAT

1. Set the lens to ratio converter mode.
2. Click the **"30. White Shading Adjustment Converter Lens"** of the camera adjustment software.
3. Set the zoom of lens to **"160"** and adjust focus of lens so that the output picture is fully white.
4. Set the Sutter 1/250.
5. Set the gain of waveform monitor to 5X.
6. Adjust IRIS of lens so that the white level becomes 60%.
7. Operate the **"AWB"** switch on the front of the Camera.
8. Click **"OK"**.
9. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown in 2-29.

2-32. Black Shading Adj.

BOARD	CAMDSP Board
TP	VIDEO OUT (75 ohm terminated)
ADJ.	EVR
F No.	CLOSE
CHART	-
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope, Video Monitor
SPEC.	FLAT

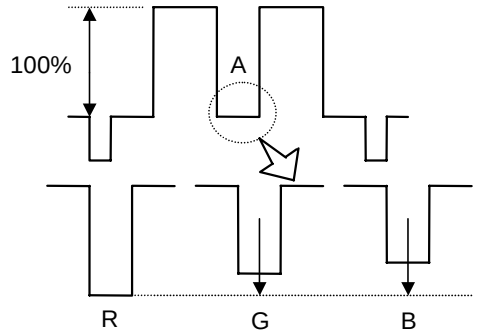
1. Set the gain of waveform monitor to 5X.
2. Click the **"31. Black Shading Adjustment"** of the camera adjustment software.
3. Operate the **"ABB"** switch on the front of the Camera.
4. Click **"OK"**.
5. Click **"OK"** again.
6. Click **"OK"** one more time.
7. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown below.
8. Set the GAIN switch to **"H"** (+18dB).
9. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown below.
10. Set the GAIN switch to **"L"** (0dB).
11. Click **"OK"**.
12. Click **"OK"** again.
13. Click **"OK"** one more time.
14. Confirm that the waveform and picture on the monitor is FLAT (no color shading) and the dot of vector scope is as sown below.
15. Click **"OK"**.



2-33. Flare Adj.

BOARD	CAMDSP Board
TP	VIDEO OUT (Y/R/G/B) (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	-
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope, Video Monitor
SPEC.	FLAT

1. Click the **"32. Flare Adjustment"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera.
3. Adjust the IRIS of lens so that the level becomes 70%.
4. Operate the **"AWB"** switch on the front of the Camera.
5. Adjust the IRIS of lens so that the level becomes 100% and open the IRIS +1.5.
6. Click **"OK"**.
7. Measure the black level (R) of portion "A" and note it.
8. Click **">>"**.
9. Measure the black level (G) of portion "A" and note it.
10. Click **">>"**.
11. Measure the black level (B) of portion "A" and note it.
12. Click **">>"**.
13. Adjust the slider so that the other 2 black levels are equal to the lowest black level as shown below. (Click **">>"** to change R, G, B)
14. Click **">>"**.
15. Click the **"NORMAL 60I** (for NTSC)**"** or **"NORMAL 50I** (for PAL)**"** on the PC.

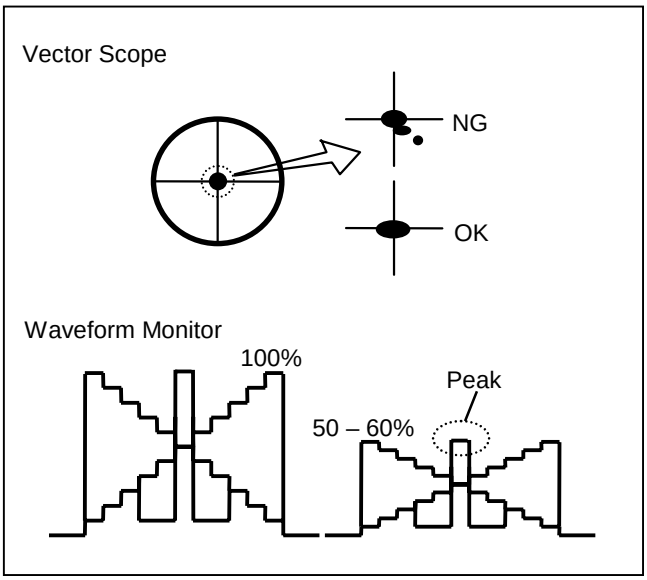


Ex.) Rch level is lowest, so adjust G and B levels equal to the Rch level.

2-34. Gamma Adj. (0 dB)

BOARD	CAMDSP Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope
SPEC.	See Below

1. Click the **"33. Gamma Adjustment 0dB"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera.
3. Click **"OK"**.
4. Set the IRIS of lens to close.
5. Confirm that the black dot is in the center of a vector scope.
6. Adjust the IRIS of lens so that the level becomes 100%.
7. Confirm that the color level is less than 1% around the 100% white portion.
8. Adjust the IRIS of lens so that the level becomes 50 - 60%.
9. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown below.
10. Click **">>"**.
11. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown below.
12. Click **">>"**.



2-35. Gamma Adj. (0 dB, P mode)

BOARD	CAMDSP Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope
SPEC.	See Below

1. Click the **"34. Gamma Adjustment P mode 0dB"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera.
3. Click **"OK"**.
4. Set the IRIS of lens to close.
5. Confirm that the black dot is in the center of a vector scope.
6. Adjust the IRIS of lens so that the level becomes 100%.
7. Confirm that the color level is less than 1% around the 100% white portion.
8. Adjust the IRIS of lens so that the level becomes 50 - 60%.
9. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown in 2-34.
10. Click **">>"**.
11. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown below.
12. Click **">>"**.
13. Click the **"NORMAL 60I** (for NTSC)**"** or **"NORMAL 50I** (for PAL)**"** on the PC.

2-36. Gamma Adj. (+21 dB)

BOARD	CAMDSP Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope
SPEC.	Shown Below

1. Click the **"35. Gamma Adjustment 21dB"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera.
3. Set the IRIS of lens to close.
4. Confirm that the black dot is in the center of a vector scope.
5. Set the shutter **1/2,000**.
6. Click **"OK"**.
7. Adjust the IRIS of lens so that the level becomes 100%.
8. Confirm that the color level is less than 1% around the 100% white portion.
9. Adjust the IRIS of lens so that the level becomes 50 - 60%.
10. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown in 2-34.
11. Click **">>"**.
12. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown in 2-34.
13. Click **">>"**.

2-37. Gamma Adj. (+21 dB, P mode)

BOARD	CAMDSP Board
TP	VIDEO OUT (R/G/B) (75 ohm terminated)
ADJ.	EVR
F No.	Adjustment
CHART	Gray Scale
MODE	CAM
M. EQ.	Waveform Monitor, Vector Scope
SPEC.	Shown Below

1. Click the **"36. Gamma Adjustment P mode 21dB"** of the camera adjustment software.
2. Operate the **"ABB"** switch on the front of the Camera.
3. Set the IRIS of lens to close.
4. Confirm that the black dot is in the center of a vector scope.
5. Set the shutter 1/2,000.
6. Click **"OK"**.
7. Adjust the IRIS of lens so that the level becomes 100%.
8. Confirm that the color level is less than 1% around the 100% white portion.
9. Adjust the IRIS of lens so that the level becomes 50 - 60%.
10. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown in 2-34.
11. Click **">>"**.
12. Adjust the slider so that the black dot is in the center of vector scope and is not separated and the signal is not colored as shown in 2-34.
13. Click **">>"**.
14. Click the **"NORMAL 60I** (for NTSC)**"** or **"NORMAL 50I** (for PAL)**"** on the PC.

3. ADJUSTMRNTS FOR MECH/SERVO SECTION

3-1. T Reel Torque Offset Adj.

BOARD	SERVO Board
TP	-
ADJ.	SERVICE MENU
MODE	STOP (no cassette tape)
TAPE	
M. EQ.	
SPEC.	T TORQUE = 60mV ± 4mV

1. Close the Cassette Cover with no cassette tape.
2. Open the Service Menu (refer to Service Information) and select **"T TORQE"** (VTR SERVICE 2/3).
3. Push the MENU button.
4. Confirm that the voltage is **60mV ± 4mV**.
5. Push the MENU button to setting.

3-2. S Reel Torque Offset Adj.

BOARD	SERVO Board
TP	-
ADJ.	SERVICE MENU
MODE	BARS
TAPE	
M. EQ.	
SPEC.	S TORQUE = 60mV ± 4mV

1. Close the Cassette Cover with no cassette tape.
2. Open the Service Menu (refer to Service Information) and select **"S TORQE"** (VTR SERVICE 2/3).
3. Push the MENU button.
4. Confirm that the voltage is **60mV ± 4mV**.
5. Push the MENU button to setting.

3-3. Tension Offset Voltage Adj.

BOARD	SERVO Board
TP	TP402
ADJ.	VR402
MODE	EJECT
TAPE	
M. EQ.	Digital Volt Meter
SPEC.	2.5V ± 0.1V

1. Adjust **VR402** so that voltage at **TP402** becomes **2.5V ± 0.1V**.

3-4. Tape Beginning Detection Sensitivity Adj.

BOARD	SERVO Board
TP	-
ADJ.	VR750
MODE	STOP
TAPE	VFK1423 (Tape Sensor Adj. Cassette (M))
M. EQ.	-
SPEC.	2.2V ± 0.6V

1. Set the VFK1423 (Tape Sensor Adj. Cassette (M)).
2. Open the Service Menu (refer to Service Information) and select **"T / S PHOTO"** (VTR SERVICE 2/3).
3. Adjust **VR750** so that the voltage of **"T PHOTO"** (displayed on the service menu) to **2.2V ± 0.6V**.

3-5. Tape End Detection Sensitivity Adj.

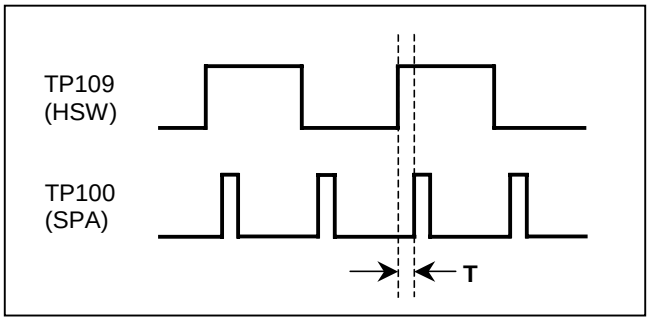
BOARD	SERVO Board
TP	-
ADJ.	VR751
MODE	STOP
TAPE	VFK1423 (Tape Sensor Adj. Cassette (M))
M. EQ.	-
SPEC.	2.2V ± 0.6V

1. Set the VFK1423 (Tape Sensor Adj. Cassette (M)).
2. Open the Service Menu (refer to Service Information) and select **"T / S PHOTO"** (VTR SERVICE 2/3).
3. Adjust **VR751** so that the voltage of **"S PHOTO"** (displayed on the service menu) to **2.2V ± 0.6V**.

3-6. PG Shifter (1) Adj.

BOARD	SERVO
TP	TP100 (SPA), TP109 (HSW)
ADJUST	SERVICE MENU
MODE	50M / PLAY
TAPE	NTSC: VFM3580KM PAL : VFM3680KM
M. EQ.	Oscilloscope
SPEC.	T = 126.69µs ± 2.5µs

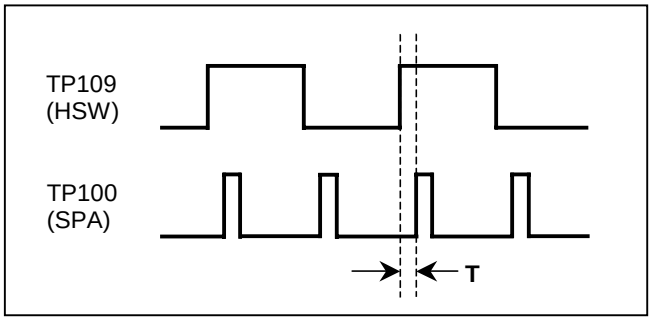
1. Playback a color bar portion of Alignment tape.
2. Connect a scope to **TP100** (SPA) and **TP109** (HSW).
3. Open the Service Menu (refer to Service Information) and select **"PG SHIFT 50"** (VTR SERVICE 2/3).
4. Adjust the value of the **"PG SHIFT 50"** so that the timing (T) is in the specification.



3-7. PG Shifter (2) Adj.

BOARD	SERVO
TP	TP100 (SPA), TP109 (HSW)
ADJUST	SERVICE MENU
MODE	25M / PLAY
TAPE	NTSC: VFM3580KM PAL : VFM3680KM
M. EQ.	Oscilloscope
SPEC.	T = 253.39µs ± 5µs

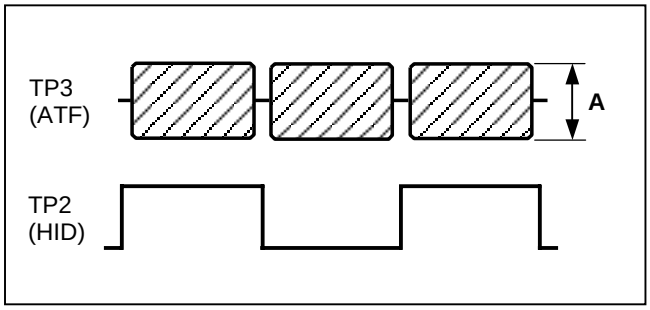
1. Playback a color bar portion of DVCPRO Alignment tape.
2. Connect a scope to **TP100** (SPA) and **TP109** (HSW).
3. Open the Service Menu (refer to Service Information) and select **"PG SHIFT 25"** (VTR SERVICE 2/3).
4. Adjust the value of the **"PG SHIFT 25"** so that the timing **"T"** is in the specification.



3-8. ATF Envelope Level Adj.

BOARD	H BUFF Board
TP	TP3 (ATF), TP2 (HID)
ADJ.	VR200 (L1L2), VR300 (R1R2)
MODE	PLAY (ATF Servo)
TAPE	NTSC: VFM3580KM PAL : VFM3680KM
M. EQ.	-
SPEC.	A = 500mVp-p ± 100mV

1. Playback a color bar portion of Alignment tape.
2. Connect a scope to **TP3** (ATF) and **TP2** (HID).
3. Open the Service Menu (refer to Service Information) and select **"TP CHSEL"** (VTR SERVICE 1/3) and set to **"L1L2"**.
4. Adjust **VR200** so that the level of **TP3** (ATF) becomes **500mVp-p ± 100mV** as shown below.
5. Set the **"TP CHSEL"** to **"R1R2"**.
6. Adjust **VR300** so that the level of **TP3** (ATF) becomes **500mVp-p ± 100mV** as shown below.



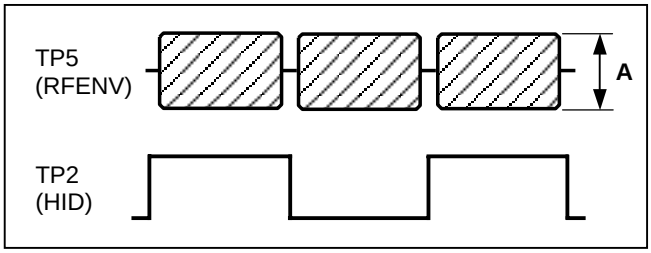
4. ADJUSTMRNTS FOR RF SECTION

Before starting each adjustment, click "1. Initial Set" of the VTR Adjustment software.

4-1. RF Envelope Level Adj.

BOARD	H BUFF Board
TP	TP5 (RFENV), TP2 (HID)
ADJ.	EVR
MODE	PLAY (ATF Servo)
TAPE	NTSC: VFM3380KM PAL : VFM3480KM
M. EQ.	-
SPEC.	A = 500mVp-p ± 100mV

1. Playback a color bar portion of an alignment tape.
2. Connect a scope to **TP5** (RFENV) and **TP2** (HID).
3. Click the **"2. RF Envelope Level Adjustment"** of the VTR Adjustment software.
4. Adjust the slider on the PC so that the level of TP5 becomes **500mVp-p ± 100mV** as shown below.
5. Click **">>"**.
6. Adjust the slider on the PC so that the level of TP5 becomes **500mVp-p ± 100mV** as shown below.
7. Click **">>"**.

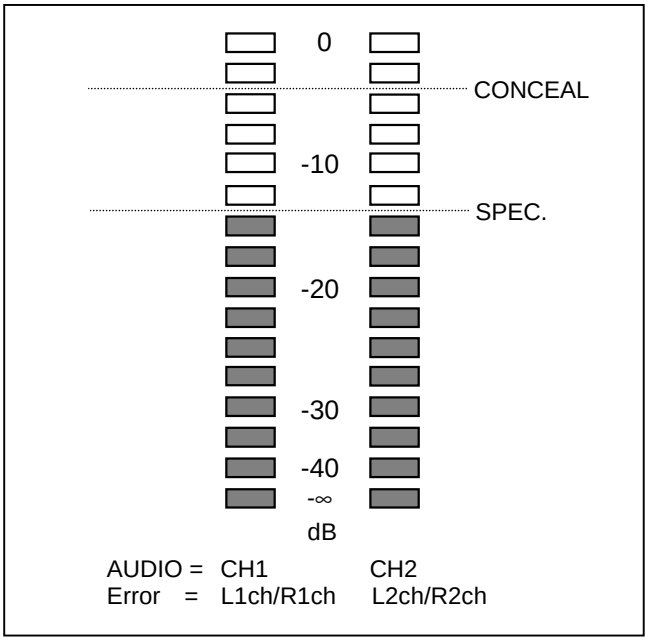


8. Confirm that the 25M R-ch envelope and Click **"OK"**.
9. Confirm that the 25M L-ch envelope and Click **"OK"**.

4-2. Playback Error Rate Confirmation

BOARD	-
ADJ.	-
MODE	PLAY
TAPE	NTSC: VFM3380KM PAL : VFM3480KM
M. EQ.	-
SPEC.	See Figure

1. Click the **"3. Playback Error Rate Confirmation"** of the VTR adjustment software.
2. Playback an alignment tape.
3. Confirm that the 50M L-ch error rate is in the specification as shown figure.
4. Click **"OK"**.
5. Confirm that the 50M R-ch error rate is in the specification as shown figure.
6. Click **"OK"**.
7. Confirm that the 25M R-ch error rate is in the specification as shown figure.
8. Click **"OK"**.
9. Confirm that the 25M L-ch error rate is in the specification as shown figure.
10. Click **"OK"**.



4-3. Flying Erase Confirmation

BOARD	HBUFF Board
TP	TP4 (FE35), TP2 (HID)
ADJ.	-
MODE	REC, REC-PAUSE
TAPE	DVCPRO BLANK
M. EQ.	Oscilloscope
SPEC.	500mVp-p ± 200mV

1. Set the **"OUTPUT"** switch to **"BARS"**.
2. Click the **"4. Flying Erase Confirmation"** of the VTR adjustment software
3. Confirm that the 50M L-ch level of erase current is in the specification.
4. Click **"OK"**.
5. Confirm that the 50M R-ch level of erase current is in the specification.
6. Click **"OK"**.
7. Confirm that the 50M C-ch level of erase current is in the specification.
8. Click **"OK"**.
9. Confirm that the 50M D-ch level of erase current is in the specification.
10. Click **"OK"**.
11. Set the mode of the AJ-SDX900/ D908 to **"REC-PAUSE"**.
12. Confirm that the 50M C-ch level of erase current is in the specification.
13. Click **"OK"**.
14. Confirm that the 50M R-ch level of erase current is in the specification.
15. Click **"OK"**.
16. Confirm that the 50M L-ch level of erase current is in the specification.
17. Click **"OK"**.

4-4. Recording Current Setting

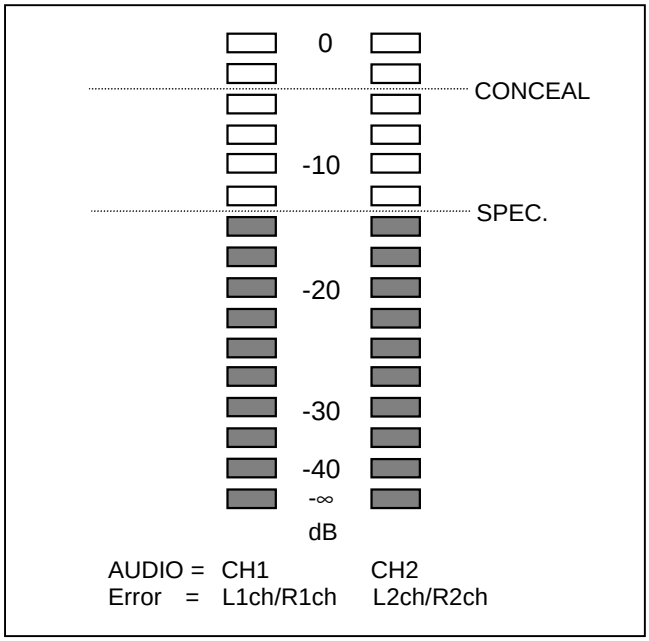
BOARD	HBUFF Board
TP	-
ADJ.	EVR
MODE	STOP
TAPE	-
M. EQ.	-
SPEC.	“AA”

1. Set the **“OUTPUT”** switch to **“BARS”**.
2. Click the **“5. Recording Current Setting”** of the VTR adjustment software.

4-5. RP Error Rate Confirmation

BOARD	HBUFF Board
TP	-
ADJUST	-
MODE	REC / PLAYBACK
TAPE	NTSC: VFM3580KM PAL : VFM3680KM
M. EQ.	-
SPEC.	See Figure

1. Set the **“OUTPUT”** switch to **“BARS”**.
2. Record the color bar signal.
3. Click the **“6. RP Error Rate Confirmation”** of the VTR adjustment software
4. Playback the self recorded tape.
5. Confirm that the 50M L-ch error rate is in the specification as shown figure.
6. If the error rate is in the specification, click **“YES”**.
7. If the error rate is out of specification, click **“NO”** and adjust the slider so that the error rate is in the specification. (select value “192” or “213” or “235” or “255” or “149” or “128”)
   Click **“>>”** and adjust the slider again.
   Click **“NO”**.
8. Confirm that the 50M R-ch error rate is in the specification as shown figure.
9. If the error rate is in the specification, click **“YES”**.
10. If the error rate is out of specification, click **“NO”** and adjust the slider so that the error rate is in the specification. (select value “192” or “213” or “235” or “255” or “149” or “128”)
    Click **“>>”** and adjust the slider again.
    Click **“NO”**.
11. Confirm that the 25M R-ch error rate is in the specification as shown figure.
12. If the error rate is in the specification, click **“YES”**.
13. If the error rate is out of specification, click **“NO”** and adjust the slider so that the error rate is in the specification. (select value “192” or “213” or “235” or “255” or “149” or “128”)
    Click **“>>”** and adjust the slider again.
    Click **“NO”**.
14. Confirm that the 25M L-ch error rate is in the specification as shown figure.
15. If the error rate is in the specification, click **“YES”**.
16. If the error rate is out of specification, click **“NO”** and adjust the slider so that the error rate is in the specification. (select value “192” or “213” or “235” or “255” or “149” or “128”)
    Click **“>>”** and adjust the slider again.
    Click **“NO”**.

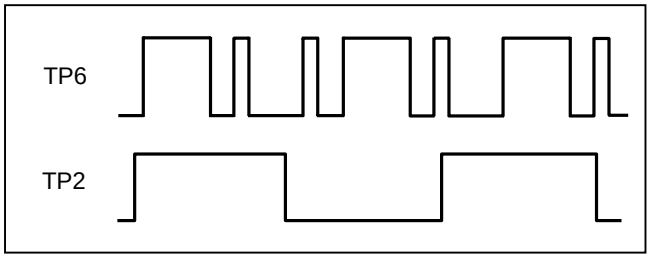


4-6. Head Clogging Detection Level Adj. L-ch

BOARD	HBUFF Board
TP	TP1, TP2, TP6
ADJ.	EVR
MODE	REC
TAPE	DVCPRO BLANK
M. EQ.	Oscilloscope
SPEC.	See Figure

1. Set the **“OUTPUT”** switch to **“BARS”**.
2. Click the **“7. Head Clogging Detection Level Adjustment L”** of the VTR adjustment software.
3. Record the color bar signal.
4. Connect a scope to **TP1** and **TP2** (Trigger) and adjust **“VAL”** of volt/div. of oscilloscope so that the level of envelope becomes 5 unit (div.) of scale of the oscilloscope.
5. Click **“OK”**.
6. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
7. Click **“>>”**.
8. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
9. Click **“>>”**.
10. Connect a scope to **TP6** and **TP2** (Trigger).
11. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure.
12. Click **“>>”**.

- Continued on the next page -



13. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure.
14. Click **"OK"**.
15. Connect a scope to **TP1** and **TP2** (Trigger) and adjust **"VAL"** of volt/div. of oscilloscope so that the level of envelope becomes 5 unit (div.) of scale of the oscilloscope.
16. Click **"OK"**.
17. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
18. Click **">>"**.
19. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
20. Click **">>"**.
21. Connect a scope to **TP6** and **TP2** (Trigger).
22. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure.
23. Click **">>"**.
24. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure.
25. Click **">>"**.

4-7. Head Clogging Detection Level Adj. R-ch

BOARD	HBUFF Board
TP	TP1, TP2, TP6
ADJ.	EVR
MODE	REC
TAPE	DVCPRO BLANK
M. EQ.	Oscilloscope
SPEC.	See Figure

1. Set the **"OUTPUT"** switch to **"BARS"**.
2. Click the **"8. Head Clogging Detection Level Adjustment R"** of the VTR adjustment software.
3. Record the color bar signal.
4. Connect a scope to **TP1** and **TP2** (Trigger) and adjust **"VAL"** of volt/div. of oscilloscope so that the level of envelope becomes 5 unit (div.) of scale of the oscilloscope.
5. Click **"OK"**.
6. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
7. Click **">>"**.
8. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
9. Click **">>"**.
10. Connect a scope to **TP6** and **TP2** (Trigger).
11. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure in 4-6.
12. Click **">>"**.
13. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure in 4-6.
14. Click **">>"**.
15. Connect a scope to **TP1** and **TP2** (Trigger) and adjust **"VAL"** of volt/div. of oscilloscope so that the level of envelope becomes 5 unit (div.) of scale of the oscilloscope.
16. Click **"OK"**.
17. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
18. Click **">>"**.
19. Adjust the slider so that the level of envelope becomes 2 unit (div.) of scale of the oscilloscope.
20. Click **">>"**.
21. Connect a scope to **TP6** and **TP2** (Trigger).
22. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure in 4-6.
23. Click **">>"**.
24. Adjust the slider so that the high and low period of the signal of TP6 appear in the high or low period of the signal of TP2 as sown figure in 4-6.
25. Click **">>"**.

4-8. Head Clogging Detection Level Confirmation

BOARD	HBUFF Board
TP	-
ADJ.	EVR
MODE	REC
TAPE	DVCPRO BLANK
M. EQ.	-
SPEC.	WARNING CONDITION

1. Set the **"OUTPUT"** switch to **"BARS"**.
2. Record the color bar signal.
3. Click the **"9. Head Clogging Detection Level Confirmation"** of the VTR adjustment software.
4. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
5. Click **"OK"**.
6. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
7. Click **"OK"**.
8. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
9. Click **"OK"**.
10. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
11. Click **"OK"**.
12. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
13. Click **"OK"**.
14. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
15. Click **"OK"**.
16. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
17. Click **"OK"**.
18. Confirm that the WARNING condition. ("RF" is displayed on LCD, Tally lamp is blinking, Alarm sound)
19. Click **"OK"**.

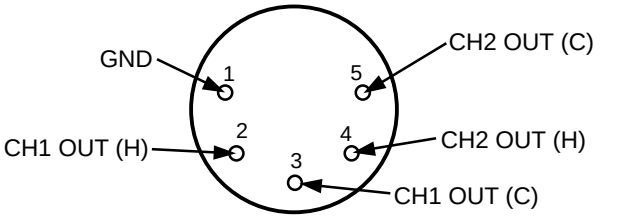
5. ADJUSTMRNTS FOR AUDIO SECTION

5-1. PB Level Adj.

BOARD	AUDIO LCD Board
TP	AUDIO OUT
ADJ.	VR4801, VR4802
MODE	EJECT
TAPE	-
M. EQ.	Audio Level Meter
SPEC.	NTSC: +4dBu ± 0.2dBu PAL : 0dBu ± 0.2dBu

< SW Setting >
- SIDE CASE (R) -
MONITOR SELECT: **ST**, **CH1/2**
AUDIO SELECT: CH1: **MAN**, CH2: **MAN**
AUDIO IN:
CH1: **FRONT**, CH2: **REAR**, CH3: **REAR**, CH4: **REAR**
OUTPUT SEL: **VTR**
AUDIO LEVEL CONTROLS (CH1, CH2): **CENTER**
- REAR JACK -
AUDIO IN: CH1: **LINE**, CH2: **LINE**
- MENU SETTING -
AUDIO OUT LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > AUDIO OUT LEL)
REAR LINE IN LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > REAR LINE IN LEL)

1. Set the **"OUTPUT"** switch to **"BARS"**.
2. Connect a level meter to AUDIO OUT Connector.
3. Adjust **VR4801(CH1)** and **VR4802(CH2)** so that the level of **"AUDIO OUT"** is in the specification.



AUDIO OUT Connector

5-2. Recording Level (1) Adj.

BOARD	AUDIO LCD Board
TP	AUDIO OUT
ADJ.	VR4401, VR4402
MODE	EJECT
TAPE	-
M. EQ.	Audio Level Meter
SPEC.	NTSC: +4dBu ± 0.2dBu PAL : 0dBu ± 0.2dBu

< SW Setting >
- SIDE CASE (R) -
MONITOR SELECT: **ST**, **CH1/2**
AUDIO SELECT: CH1: **MAN**, CH2: **MAN**
AUDIO IN:
CH1: **REAR**, CH2: **REAR**, CH3: **REAR**, CH4: **REAR**
OUTPUT SEL: **VTR**
AUDIO LEVEL CONTROLS (CH1, CH2): **CENTER**
- REAR JACK -
AUDIO IN: CH1: **LINE**, CH2: **LINE**
- MENU SETTING -
AUDIO OUT LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > AUDIO OUT LEL)
REAR LINE IN LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > REAR LINE IN LEL)

1. Supply a +4dBu(NTSC) or 0dBu(PAL) 1KHz audio signal to **"AUDIO IN"** (CH1 and/or CH2) on the rear.
2. Connect a level meter to AUDIO OUT Connector.
3. Adjust **VR4401(CH1)** and **VR4402(CH2)** so that the level of **"AUDIO OUT"** is in the specification.

5-3. Recording Level (2) Adj.

BOARD	AUDIO LCD Board
TP	AUDIO OUT
ADJ.	VR4501, VR4502
MODE	EJECT
TAPE	-
M. EQ.	Audio Level Meter
SPEC.	NTSC: +4dBu ± 0.2dBu PAL : 0dBu ± 0.2dBu

< SW Setting >
- SIDE CASE (R) -
MONITOR SELECT: **ST**, **CH3/4**
AUDIO SELECT: CH1: **MAN**, CH2: **MAN**
AUDIO IN:
CH1: **REAR**, CH2: **REAR**, CH3: **REAR**, CH4: **REAR**
OUTPUT SEL: **VTR**
AUDIO LEVEL CONTROLS (CH1, CH2): **CENTER**
- REAR JACK -
AUDIO IN: CH1: **LINE**, CH2: **LINE**
- MENU SETTING -
AUDIO OUT LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > AUDIO OUT LEL)
REAR LINE IN LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > REAR LINE IN LEL)

1. Supply a +4dBu(NTSC) or 0dBu(PAL) 1KHz audio signal to **"AUDIO IN"** (CH1 and/or CH2) on the rear.
2. Connect a level meter to AUDIO OUT Connector.
3. Adjust **VR4501(CH1)** and **VR4502(CH2)** so that the level of **"AUDIO OUT"** is in the specification.

5-4. CUE Playback Level Adj.

BOARD	AUDIO LCD Board
TP	TP4901
ADJ.	VR4902
MODE	PLAY
TAPE	NTSC: VFM3580KM (No.1: 0-14min) PAL: VFM3680KM (No.1: 0-10min)
M. EQ.	Audio Level Meter
SPEC.	-31.0dBu ± 0.5dBu

1. Connect a level meter to **TP4901** through a 1kHz BPF.
2. Playback an alignment tape.
3. Adjust **VR4902** so that the level of **TP4901** becomes **-31dBu ± 0.5dBu**.

5-5. CUE Recording Current Adj.

BOARD	AUDIO LCD, CUE Board
TP	TP4901
ADJ.	VR4001 (CUE Board)
MODE	REC, PLAY
TAPE	DVCPRO BLANK
M. EQ.	Audio Level Meter
SPEC.	-31.0dBu ± 0.5dBu

< SW Setting >

- SIDE CASE (R) -

MONITOR SELECT: **ST**, **CH1/2**
AUDIO SELECT: CH1: **MAN**, CH2: **MAN**
AUDIO IN:
CH1: **REAR**, CH2: **REAR**, CH3: **REAR**, CH4: **REAR**
OUTPUT SEL: **VTR**
AUDIO LEVEL CONTROLS (CH1, CH2): **CENTER**

- MENU SETTING -

REAR LINE IN LVL: **+4dB(NTSC), 0dB(PAL)**
(MAIN MENU > VTR MENU > MIC/AUDIO 2 > REAR LINE IN LEL)

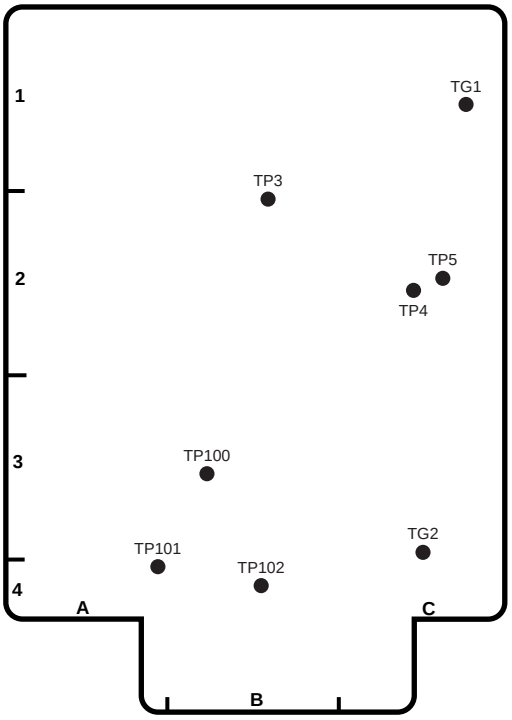
- REAR JACK -

AUDIO IN: CH1: **LINE**

1. Supply a +4dBu(NTSC) or 0dBu(PAL) 1KHz audio signal to **"AUDIO IN"** (CH1) on the rear.
2. Connect a level meter to **TP4901** through a 1kHz BPF.
3. Set a blank tape and record the audio signal.
4. Playback the recorded tape.
5. Confirm that the level of TP4901 is in the specification. If it is not in the specification, adjust VR4001 on the CUE board and repeat recording, playback and adjustment till the level is in the specification.

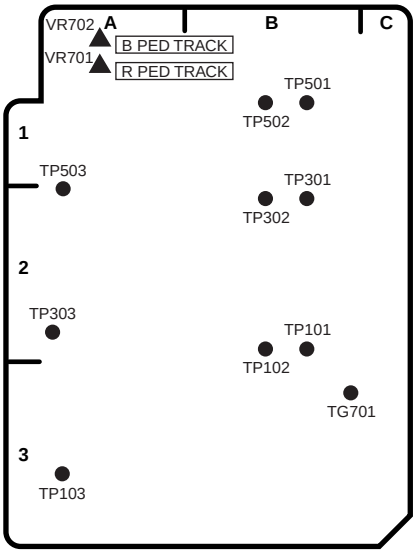
6. TP AND VR LOCATION

PULSE P.C.BOARD (VEP20983A/B)



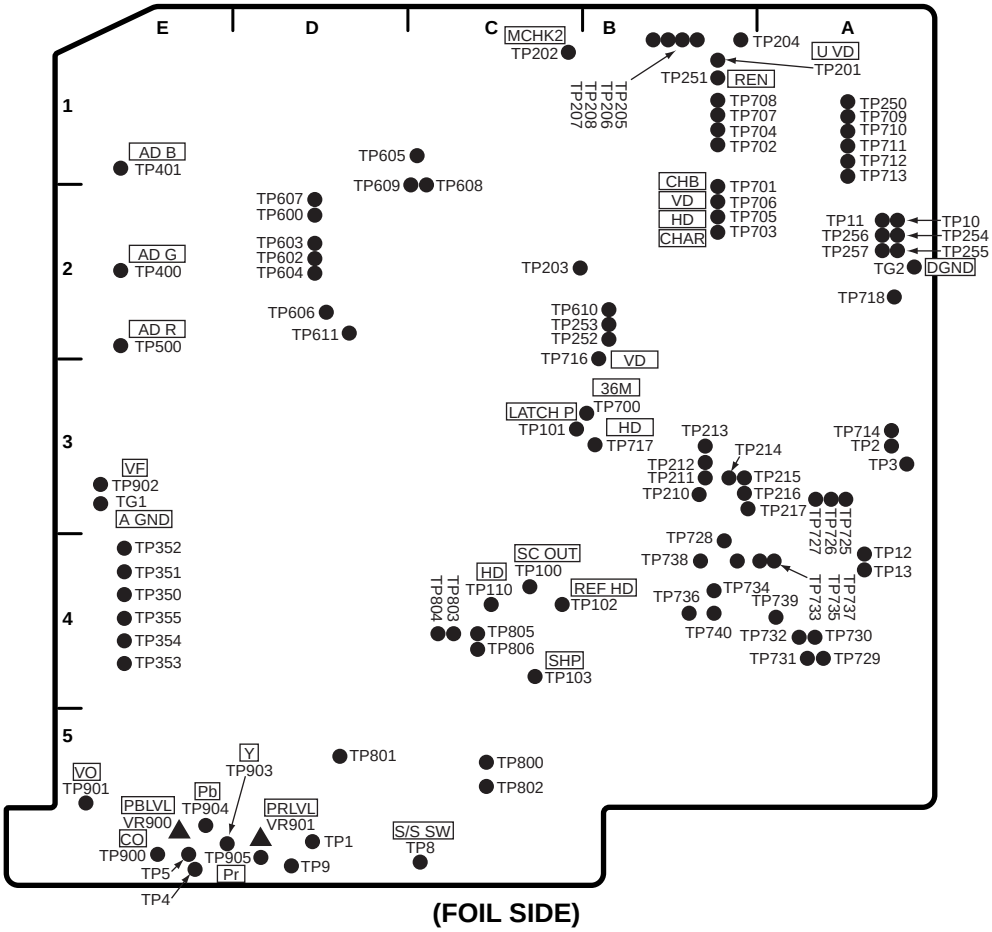
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PRE PROCESS P.C.BOARD (VEP23578A/C)



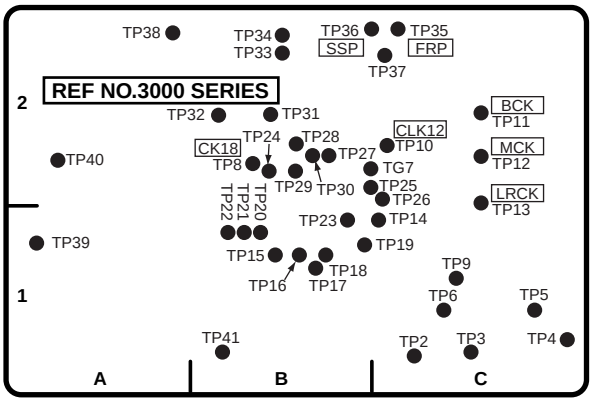
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CAM_DSP P.C.BOARD (VEP23577A/B)

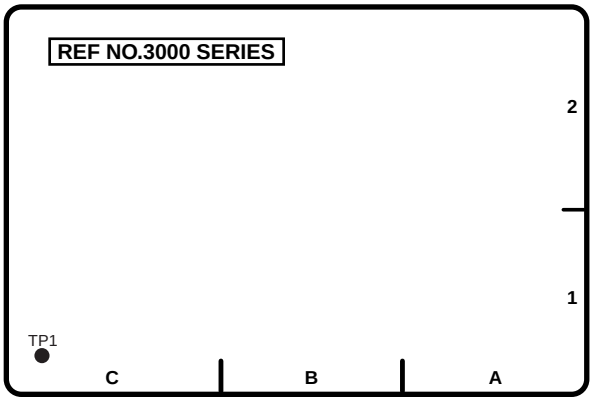


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CODEC P.C.BOARD (VEP83606A/B)

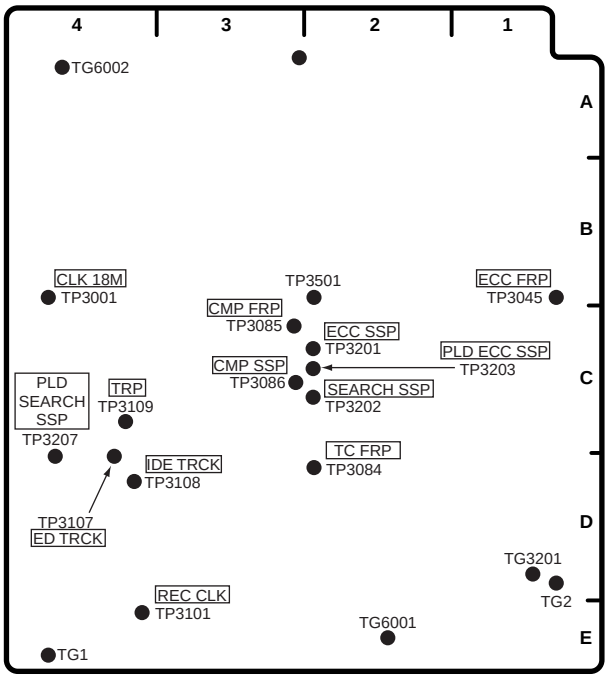


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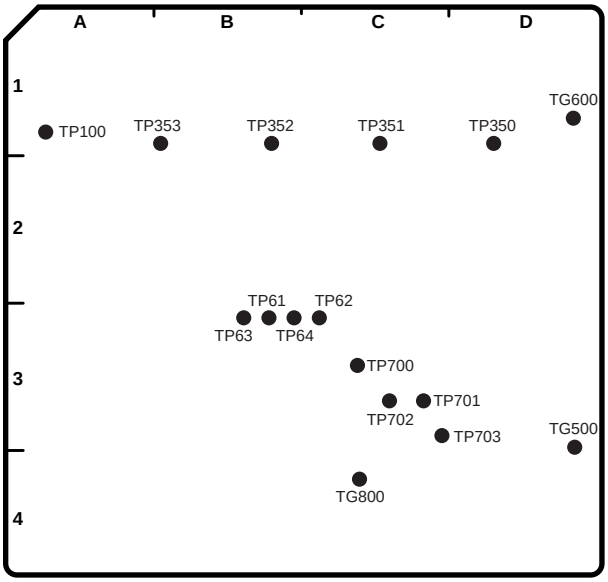
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ECC_SYS P.C.BOARD (VEP86332A/C)



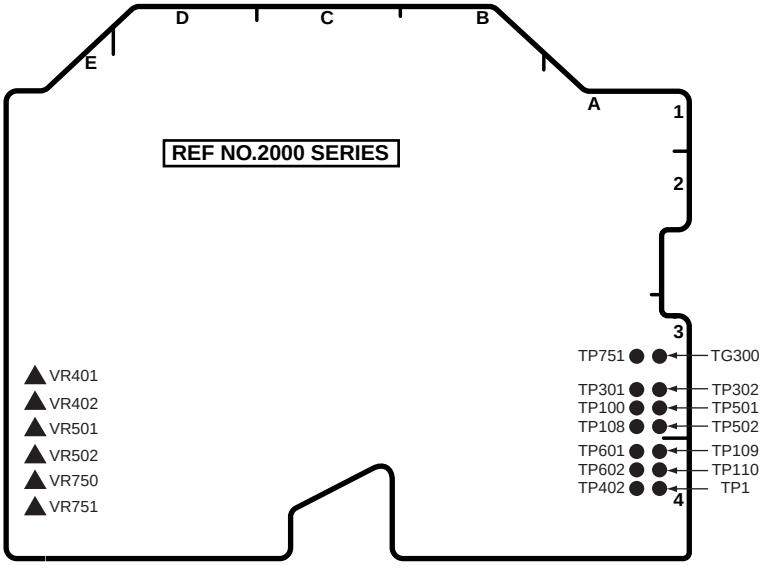
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RFEQ P.C.BOARD (VEP85211A)



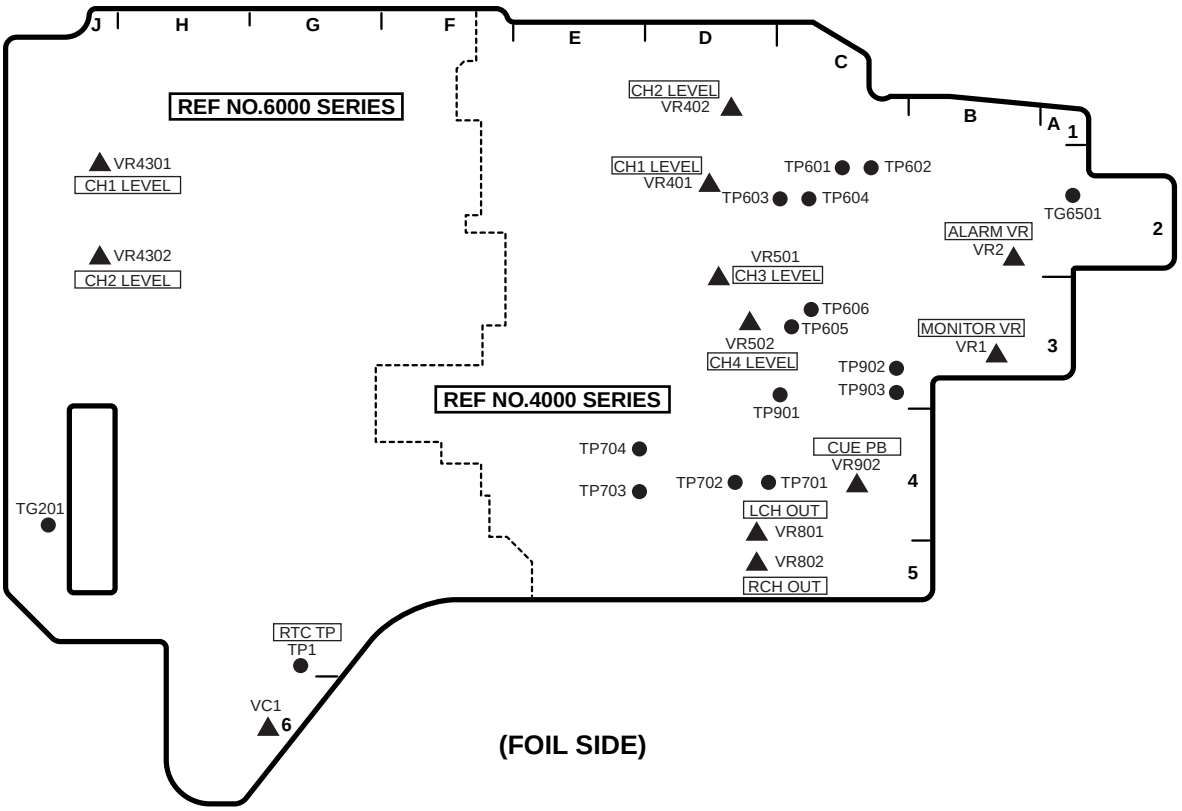
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SERVO P.C.BOARD (VEP82248A/C)

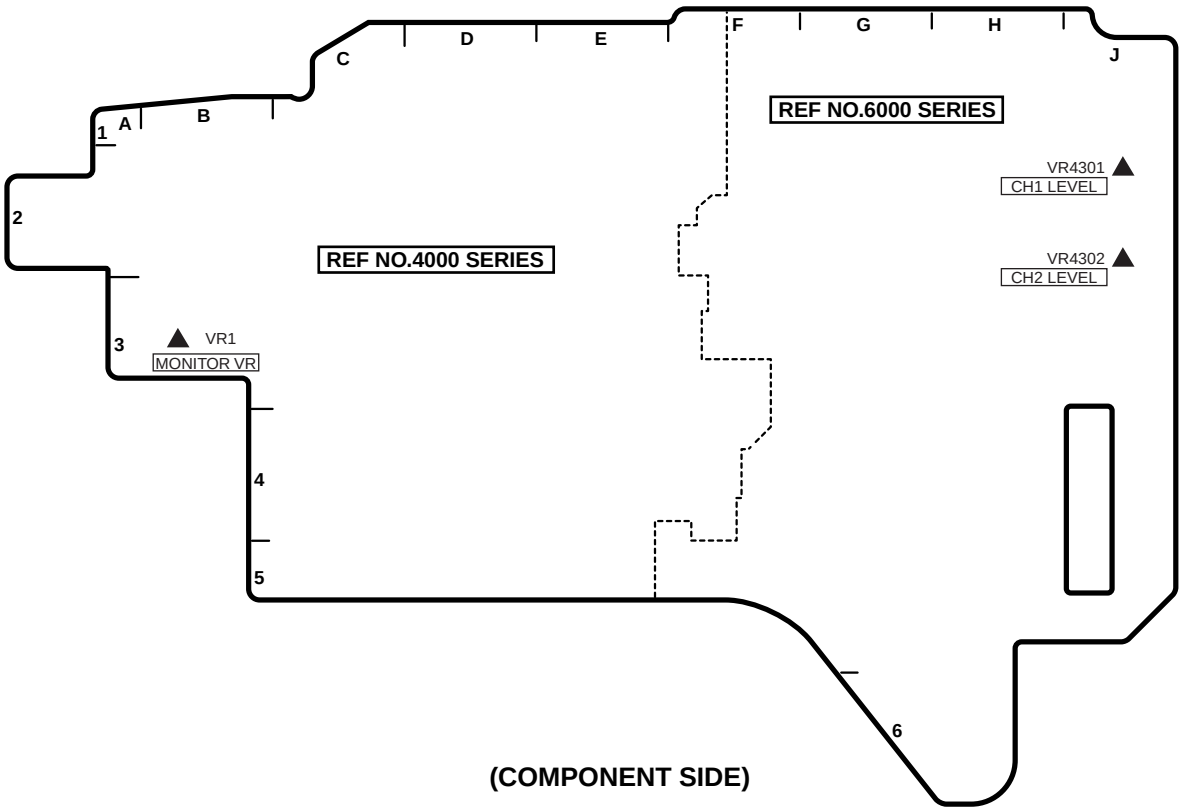


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AUDIO LCD P.C.BOARD (VEP84385A/C)

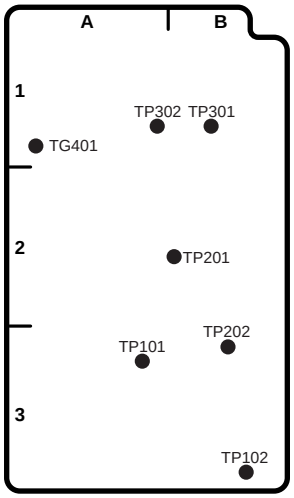


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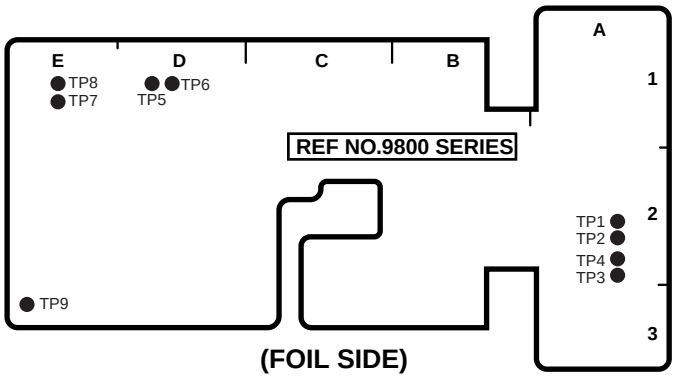
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PRE AMP P.C.BOARD (VEP25122A/C)



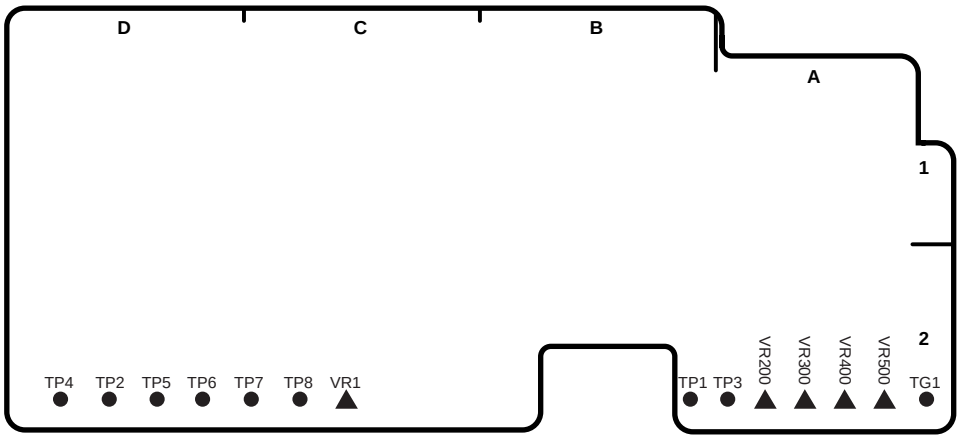
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INTERFACE P.C.BOARD (VEP80C51A)



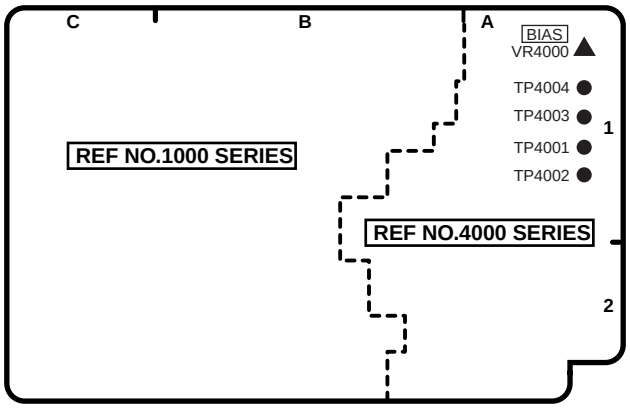
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H-BUFF P.C.BOARD (VEP85210A)

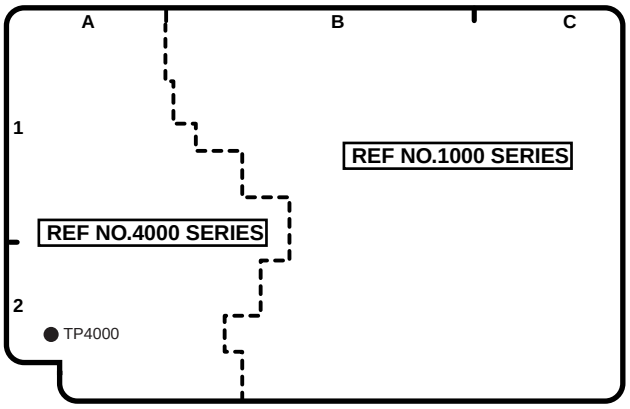


(COMPONENT SIDE)

CUE P.C.BOARD (VEP84388A)



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(COMPONENT SIDE)

SECTION 4

BLOCK DIAGRAMS

CONTENTS

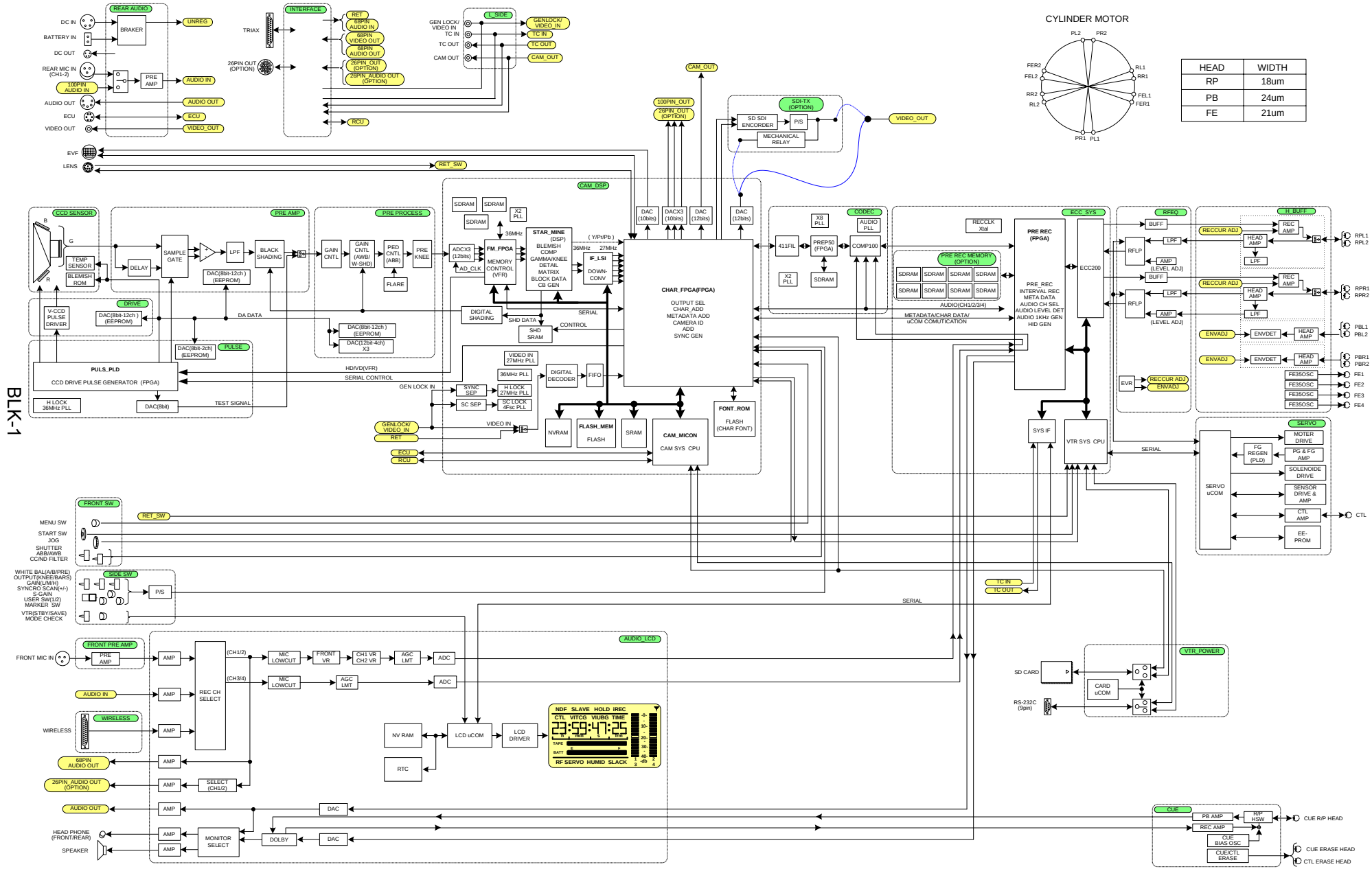
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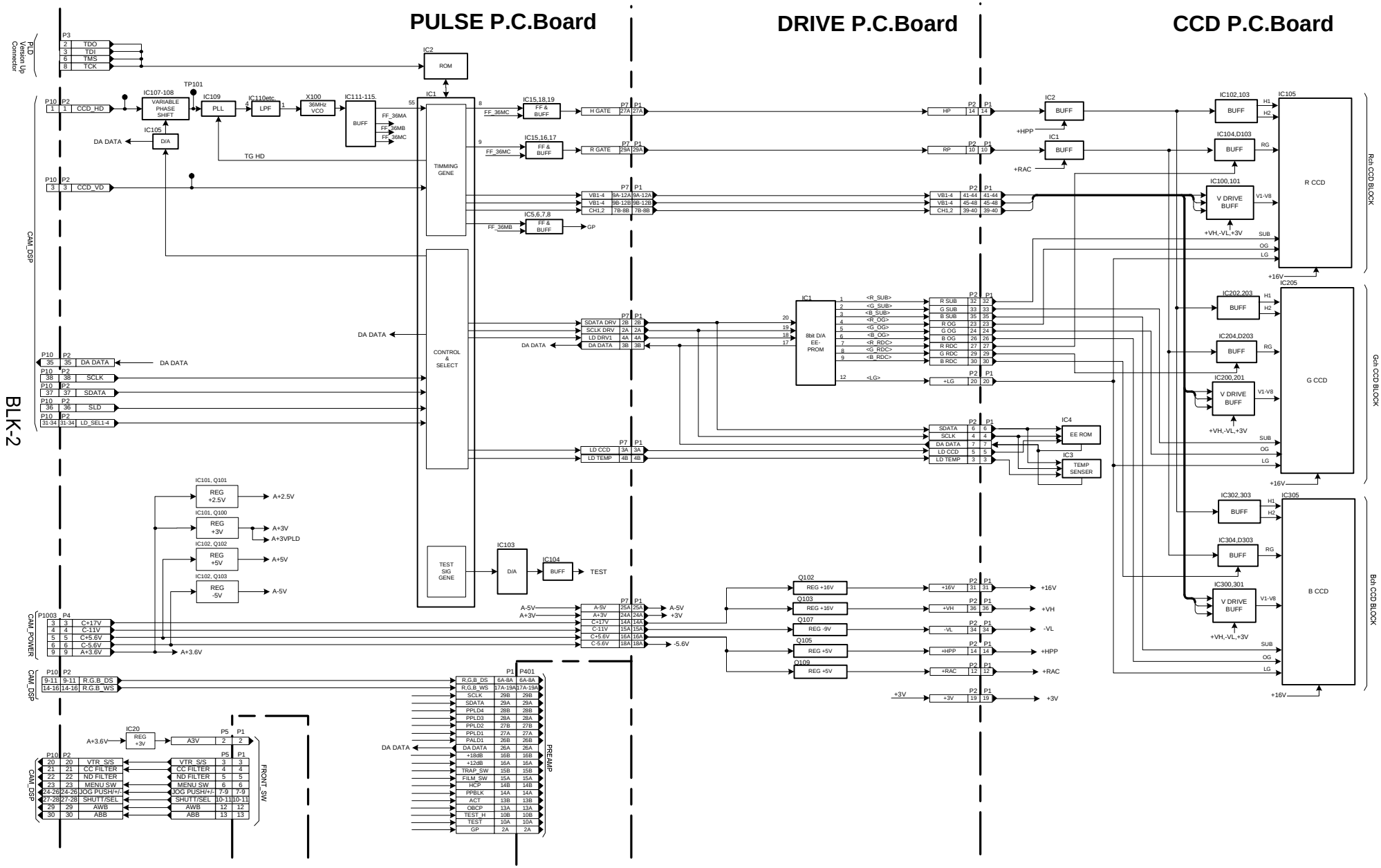
<<AJ-YA902G>>

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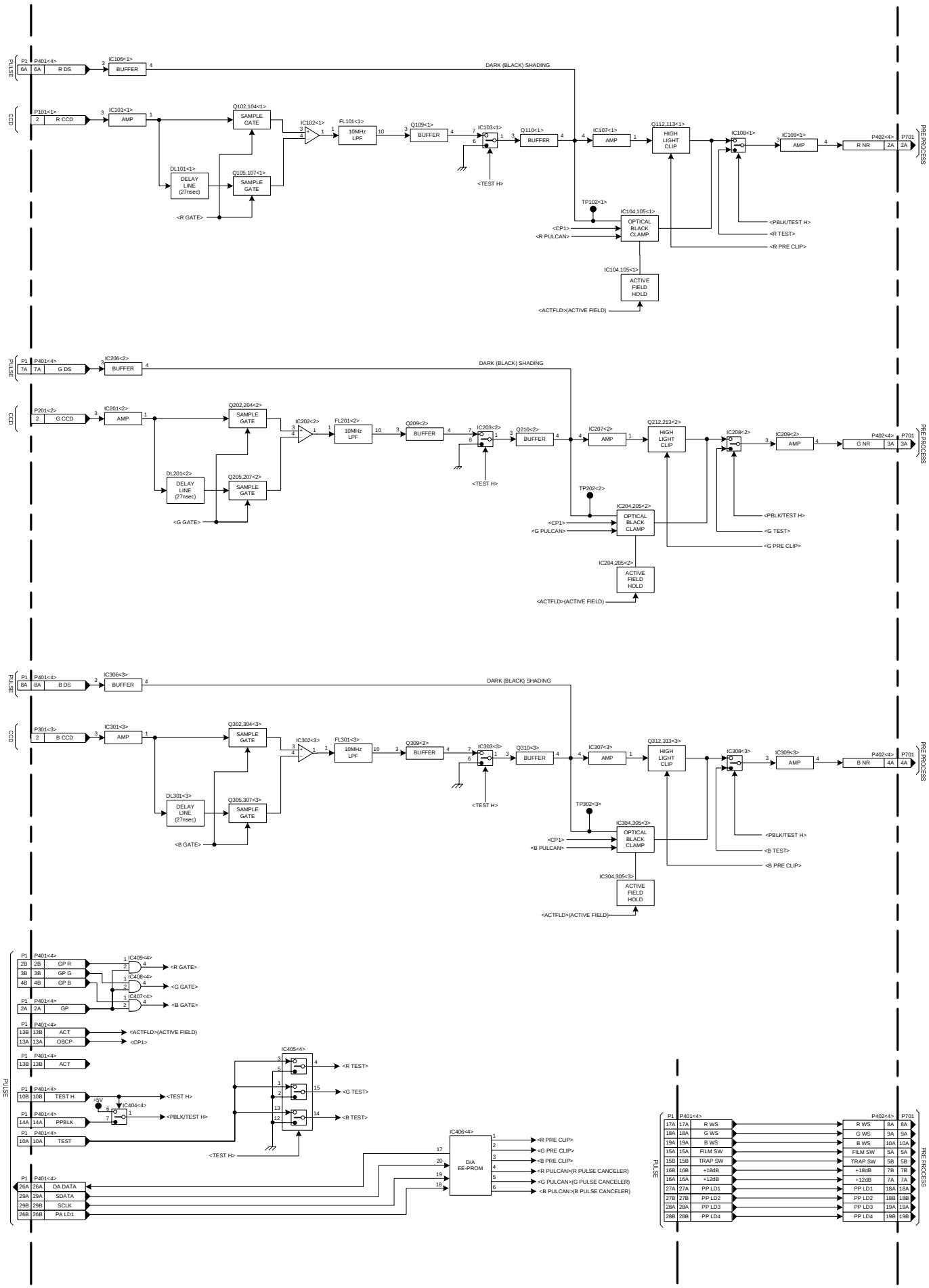
SYSTEM BLOCK DIAGRAM (OVERALL)



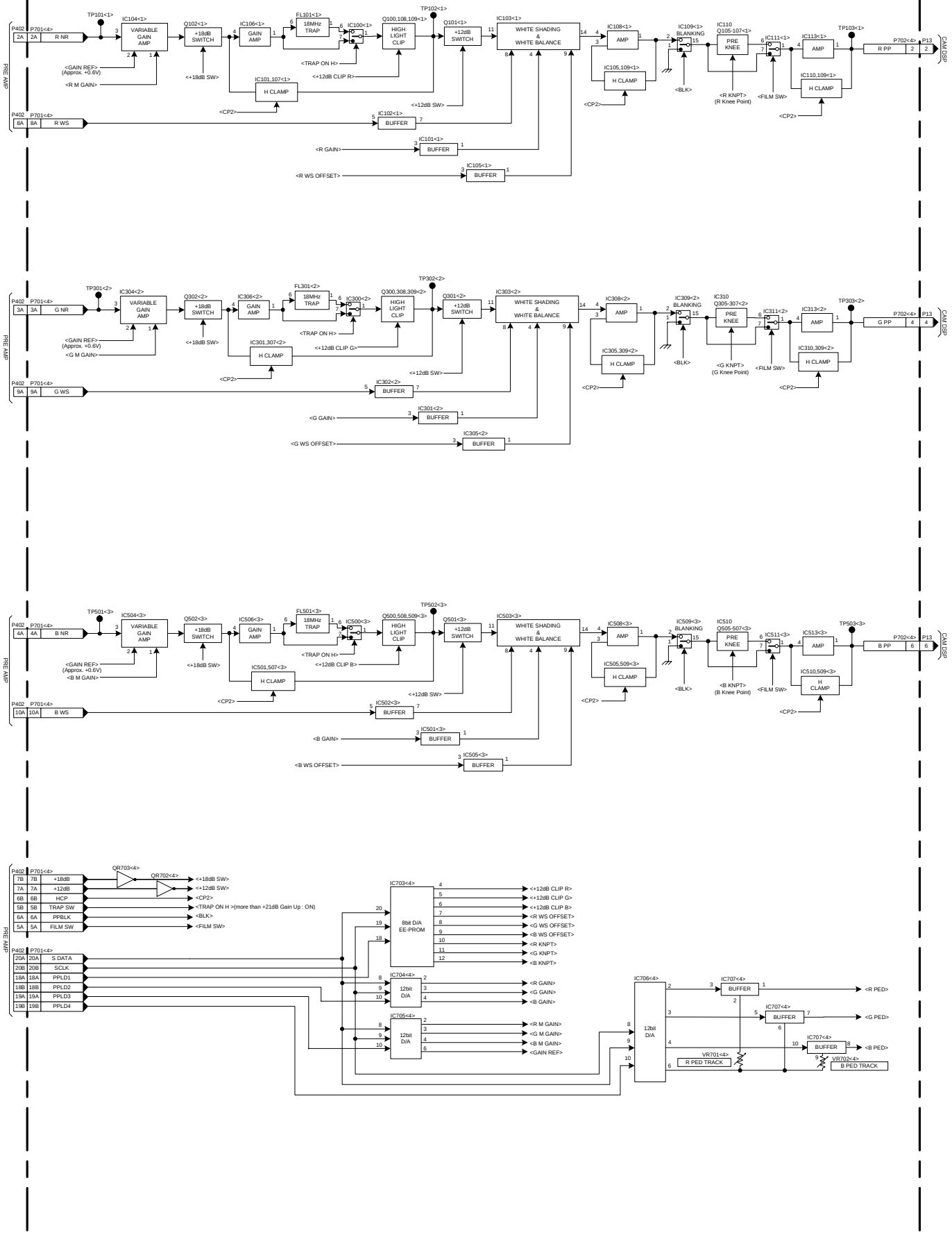
PULSE/ DRIVE/ CCD BLOCK DIAGRAMS



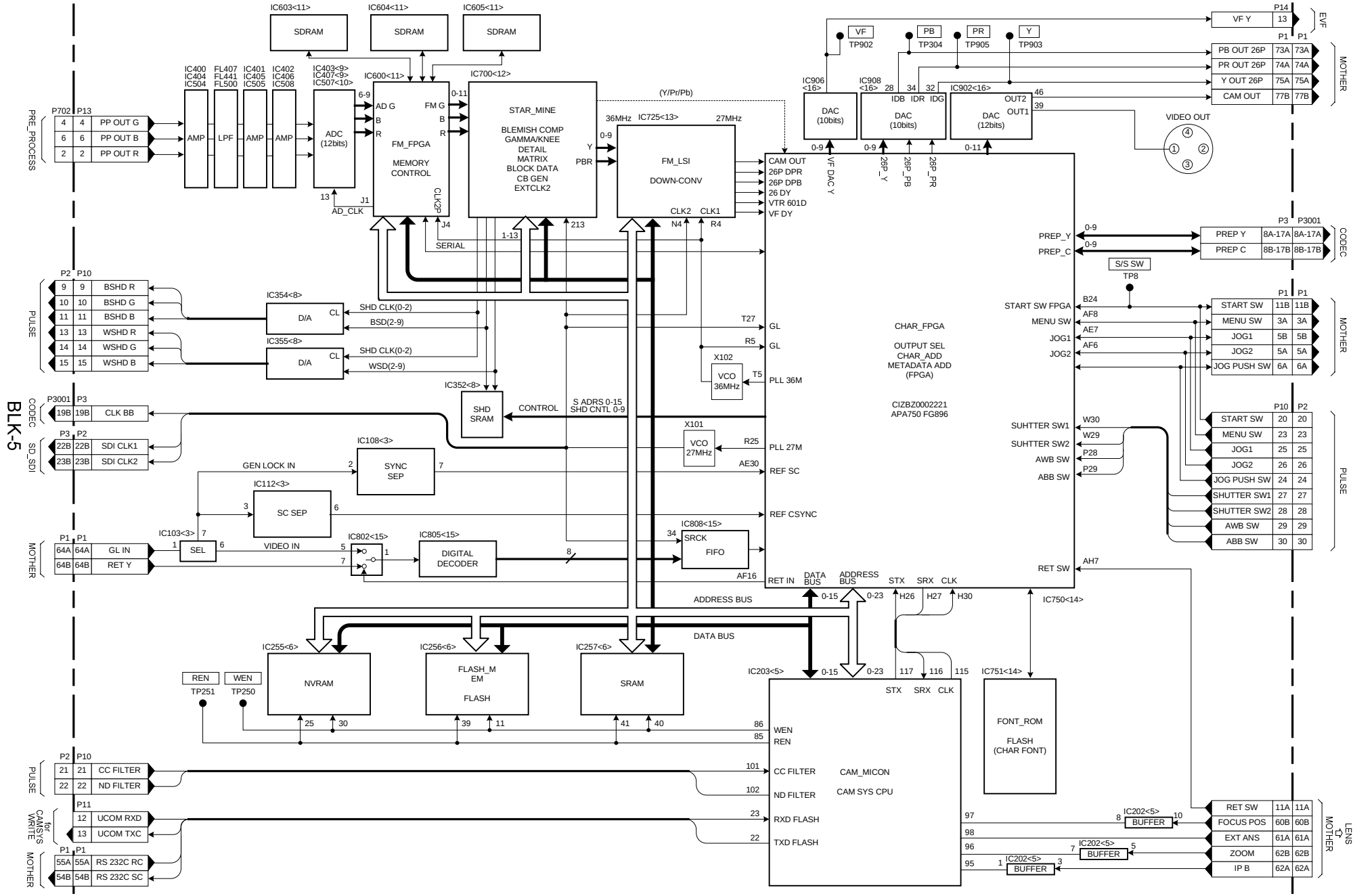
PRE AMP (DDS) BLOCK DIAGRAM



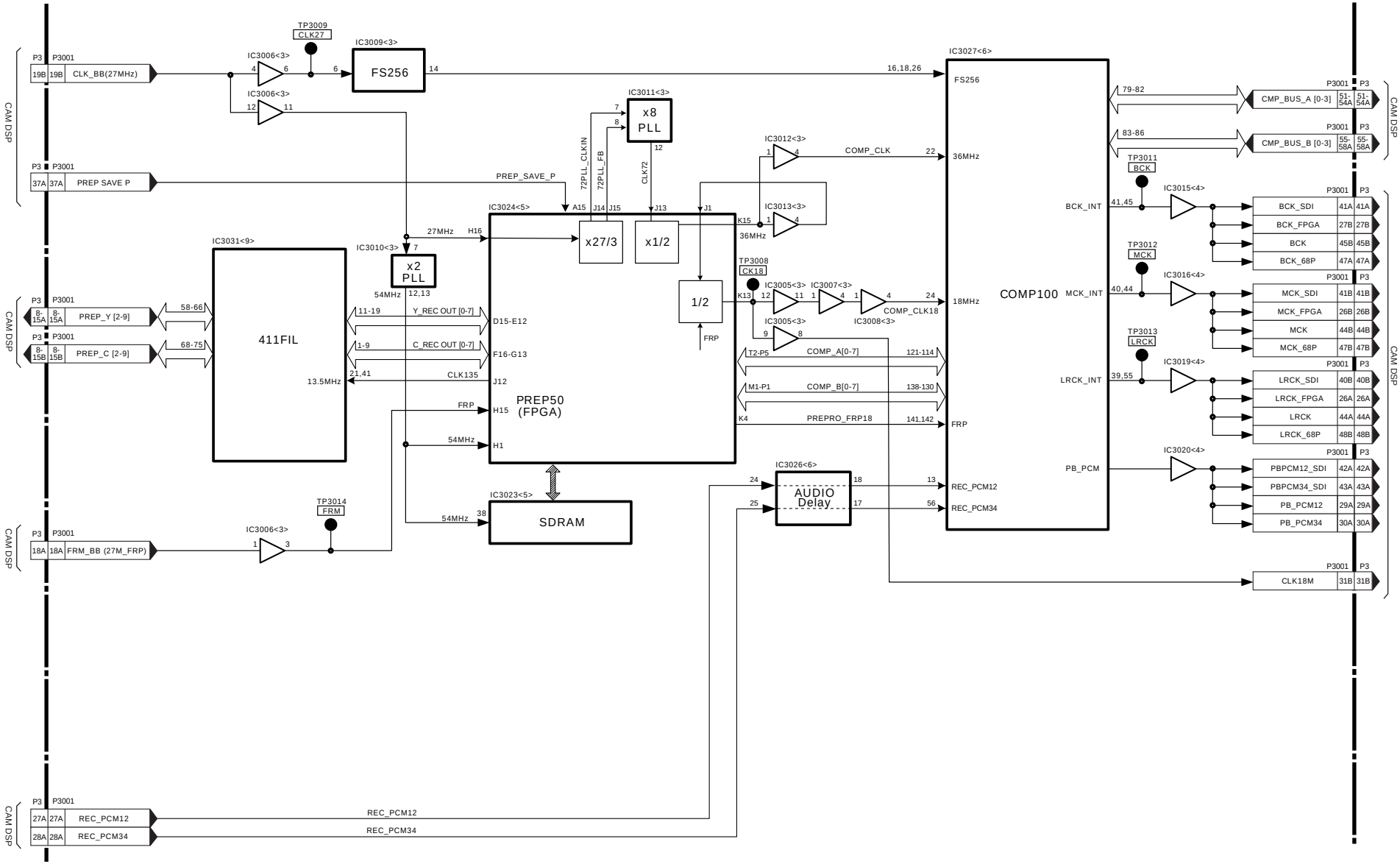
PRE PROCESS BLOCK DIAGRAM



CAMERA DSP BLOCK DIAGRAM

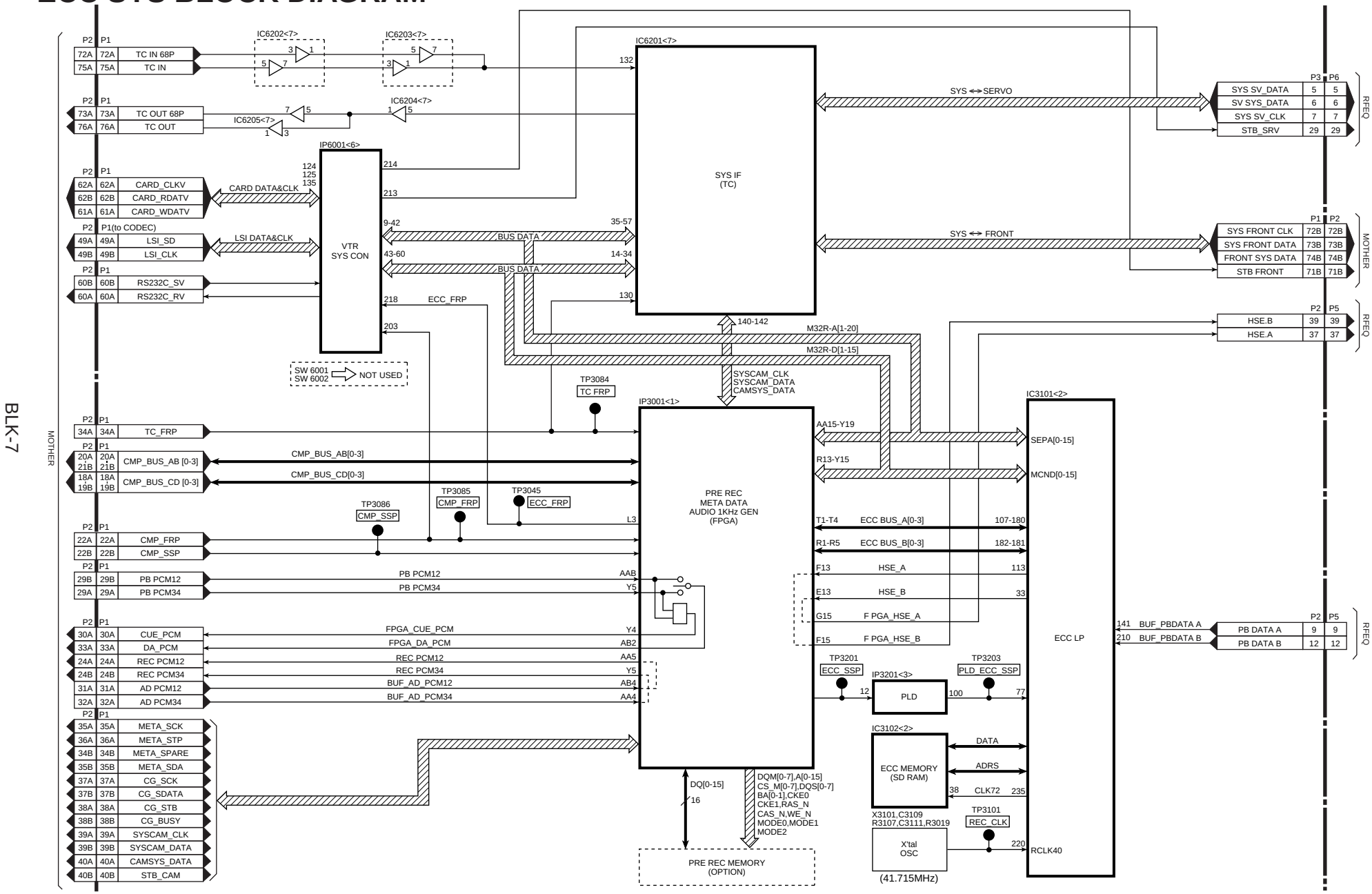


VTR CODEC BLOCK DIAGRAM

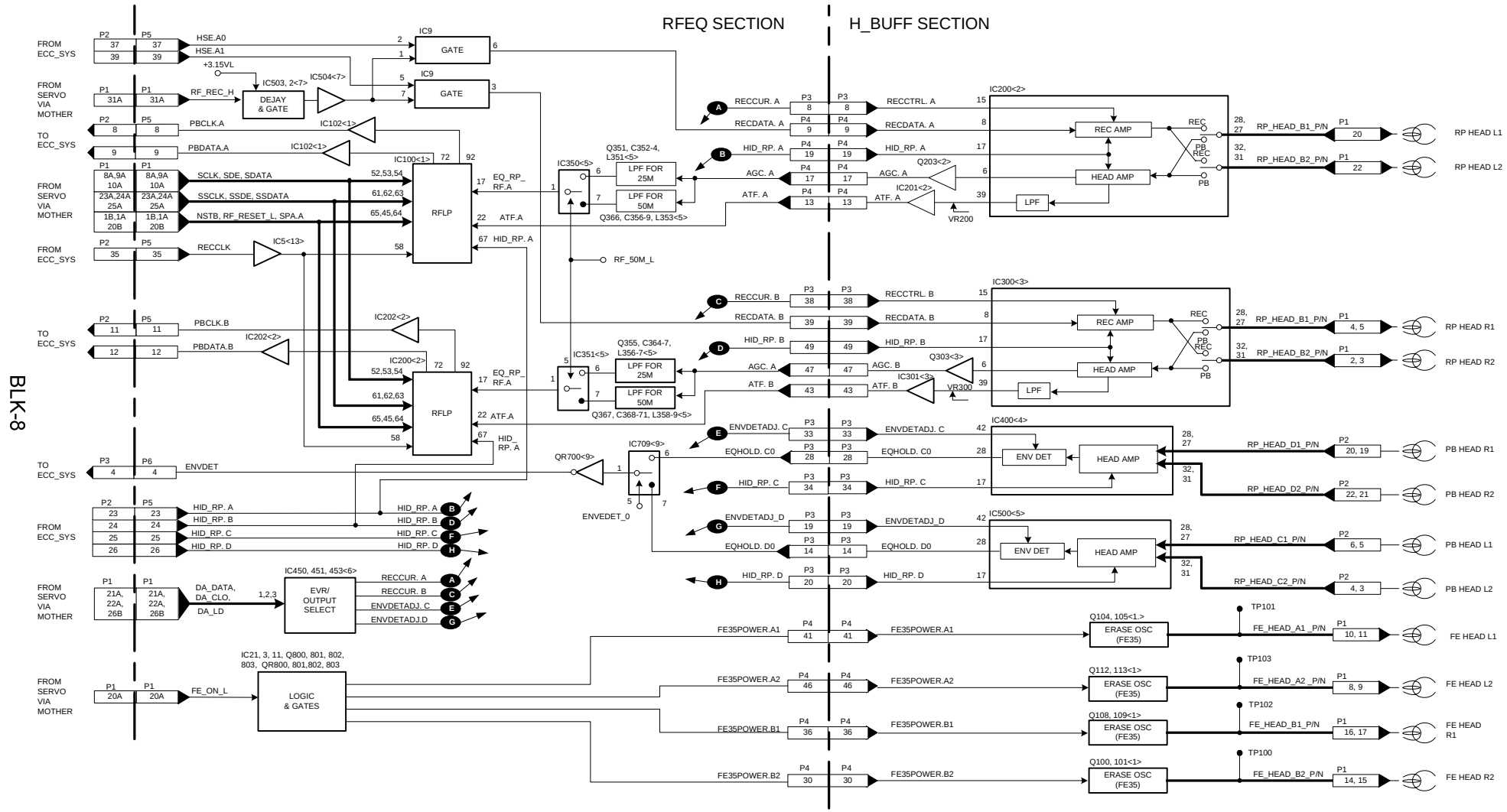


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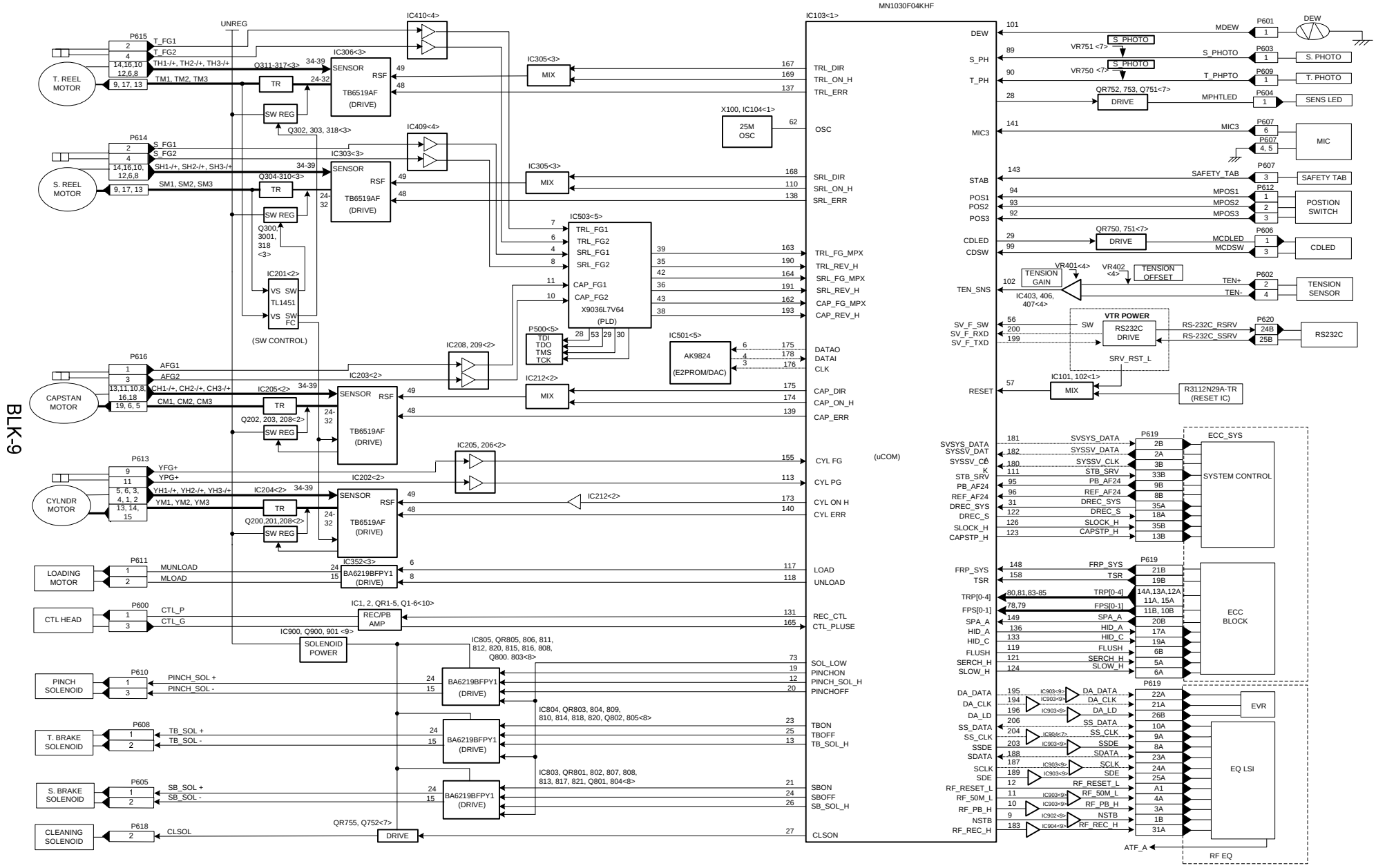
ECC SYS BLOCK DIAGRAM



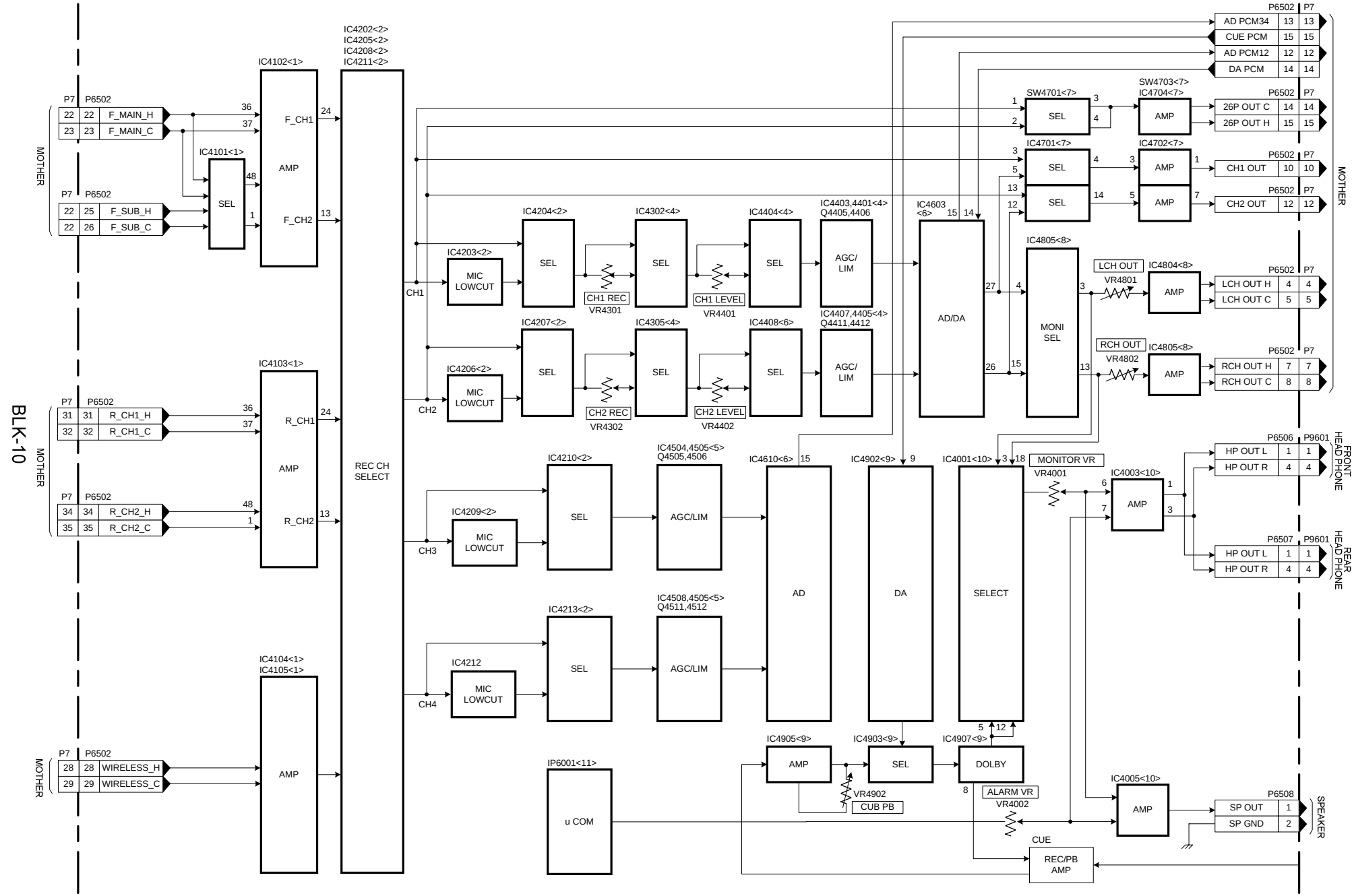
RFEQ & H BUFFER BLOCK DIAGRAM



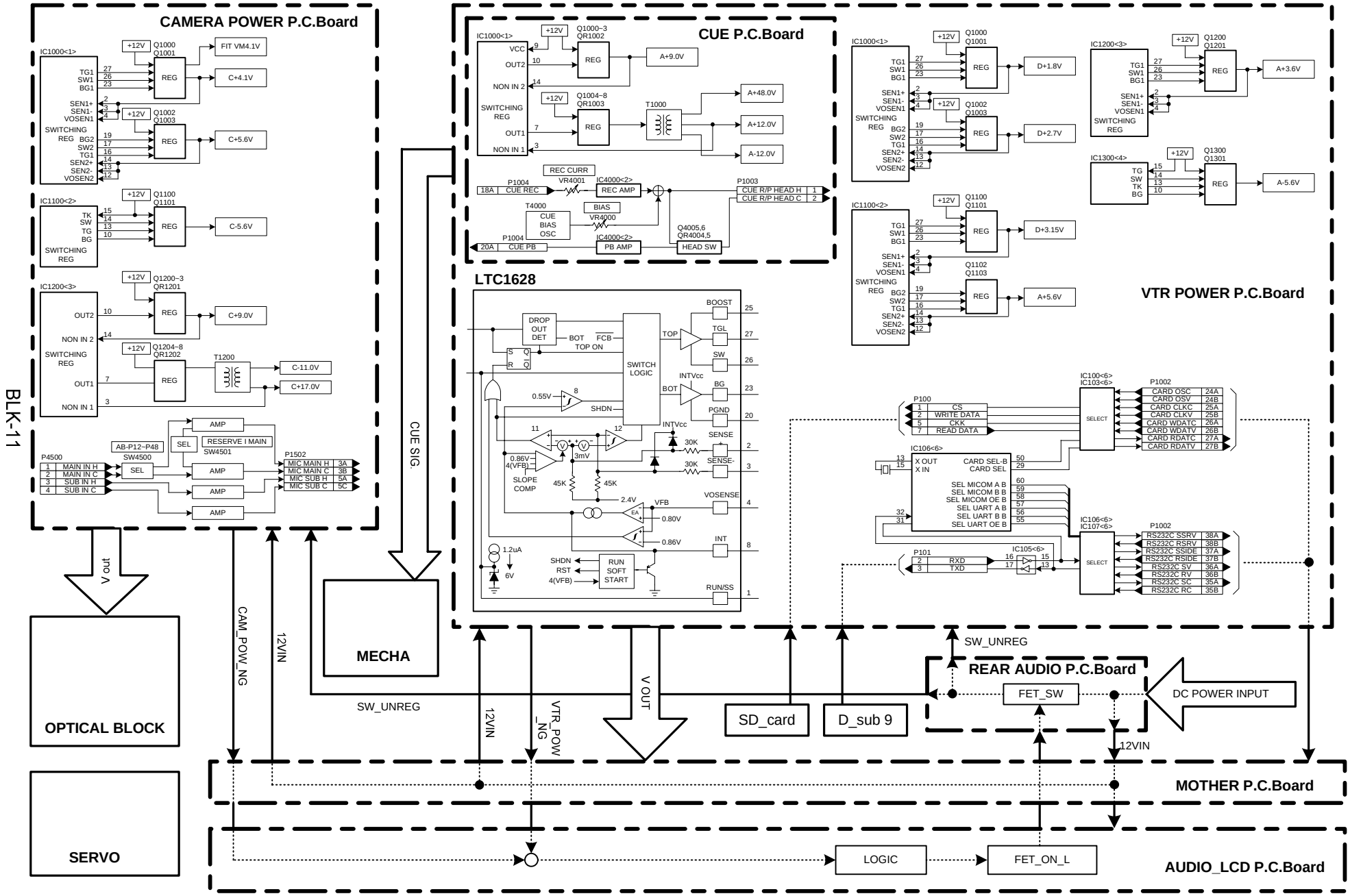
SERVO BLOCK DIAGRAM



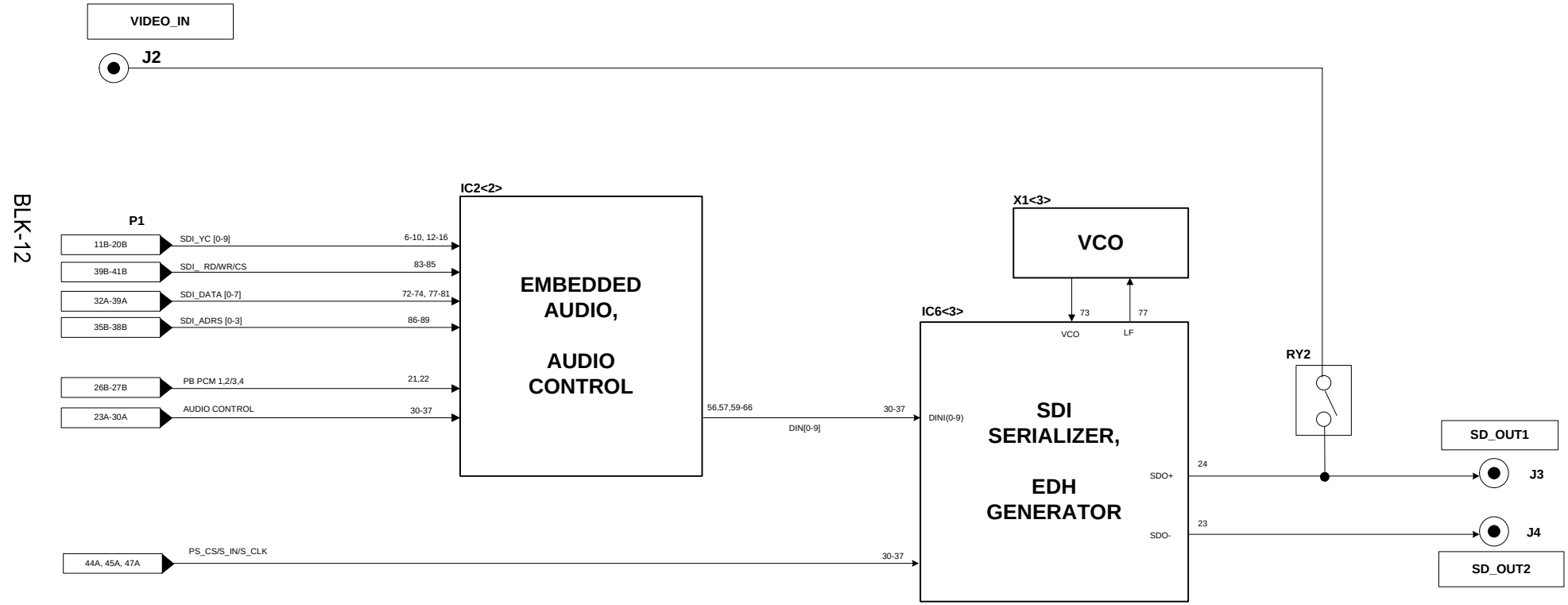
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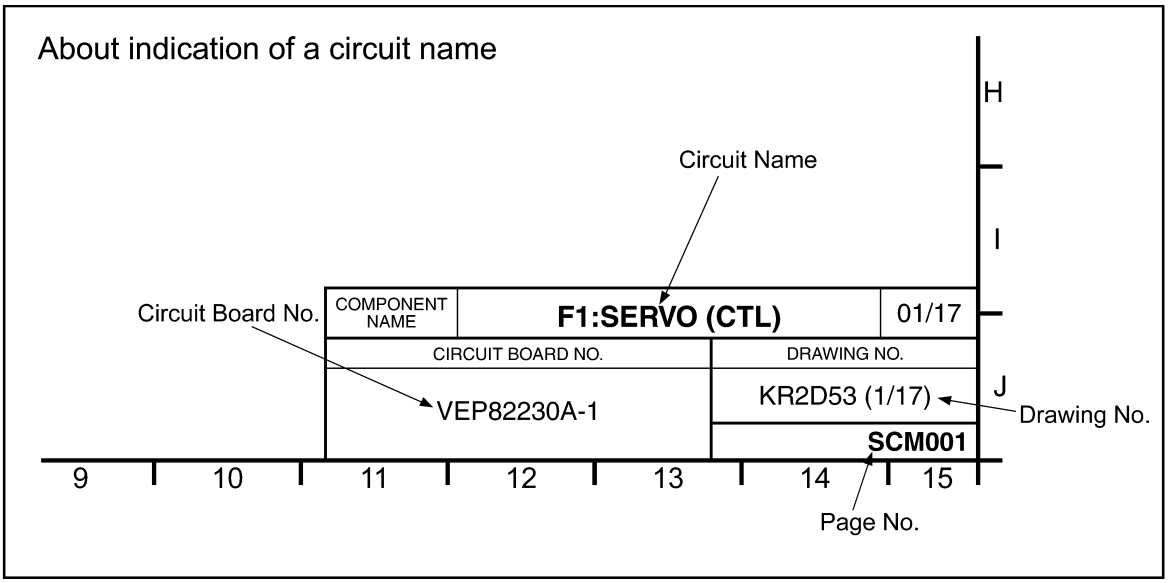


SD/SDI TX BLOCK DIAGRAM (AJ-YA902G)



SECTION 5

SCHEMATIC DIAGRAMS



NOTE:
BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 7

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

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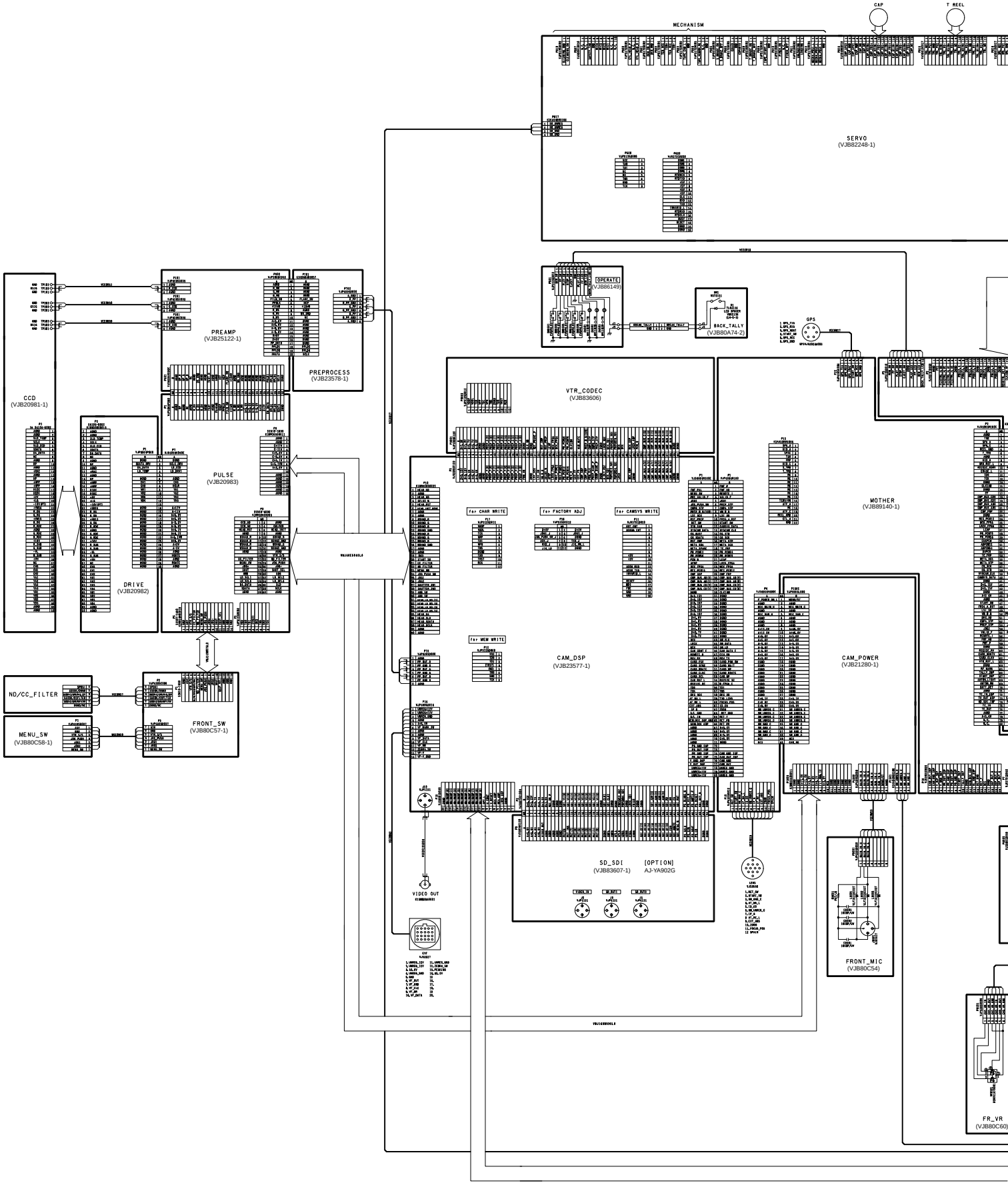
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<<AJ-YA902G>>

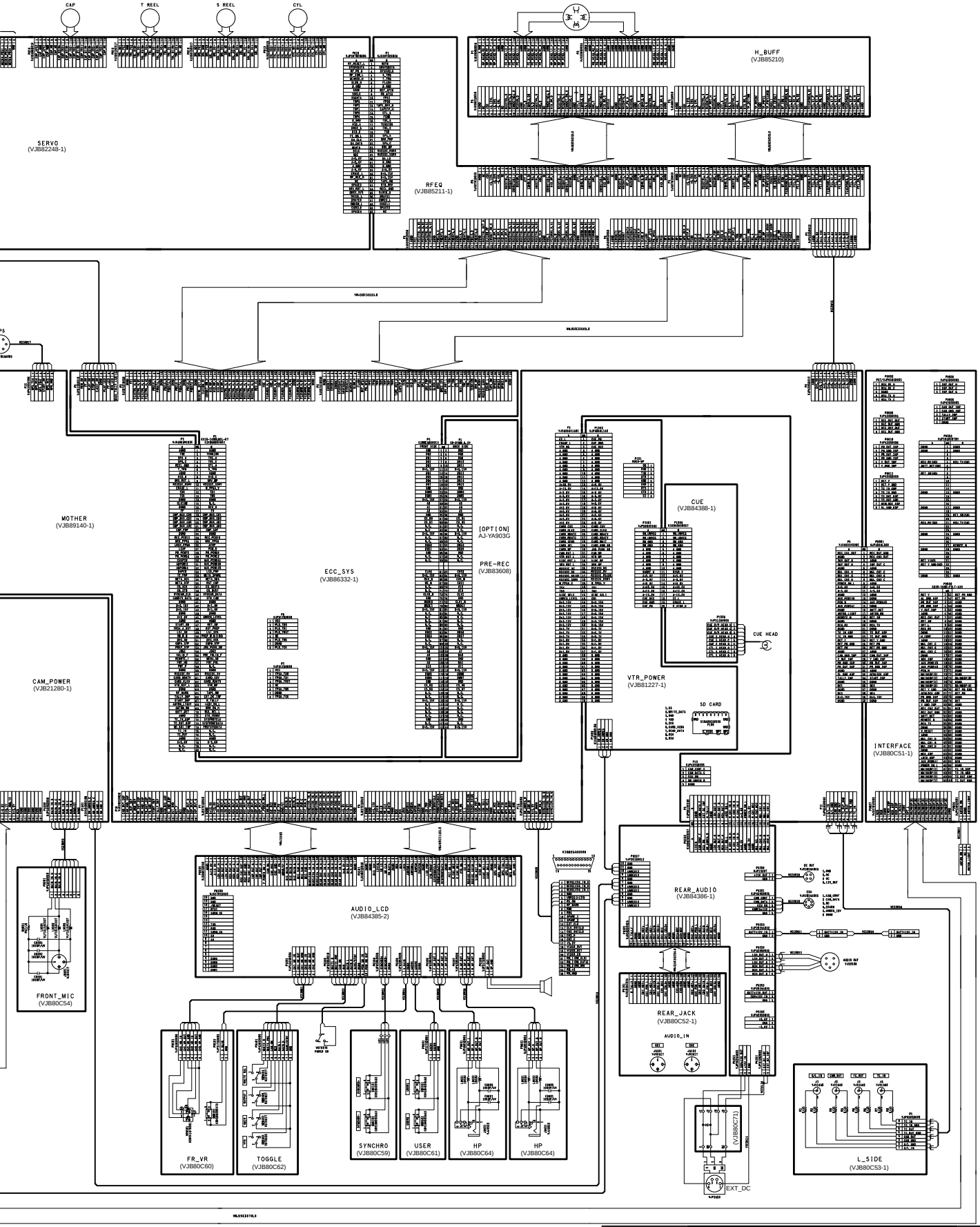
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<<AJ-YA903G>>

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PRE-REC (MEMORY) (2/2) SCM118



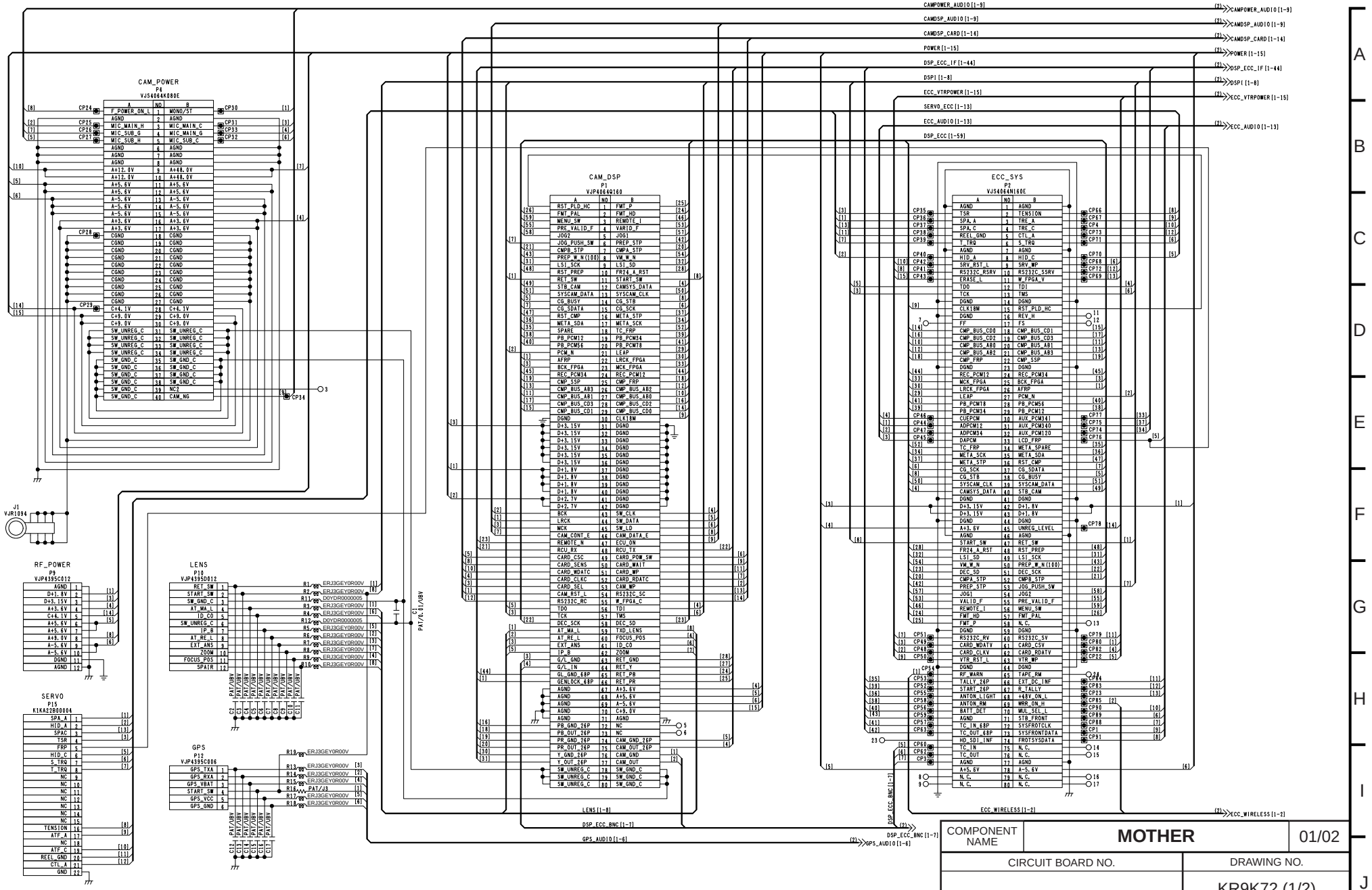
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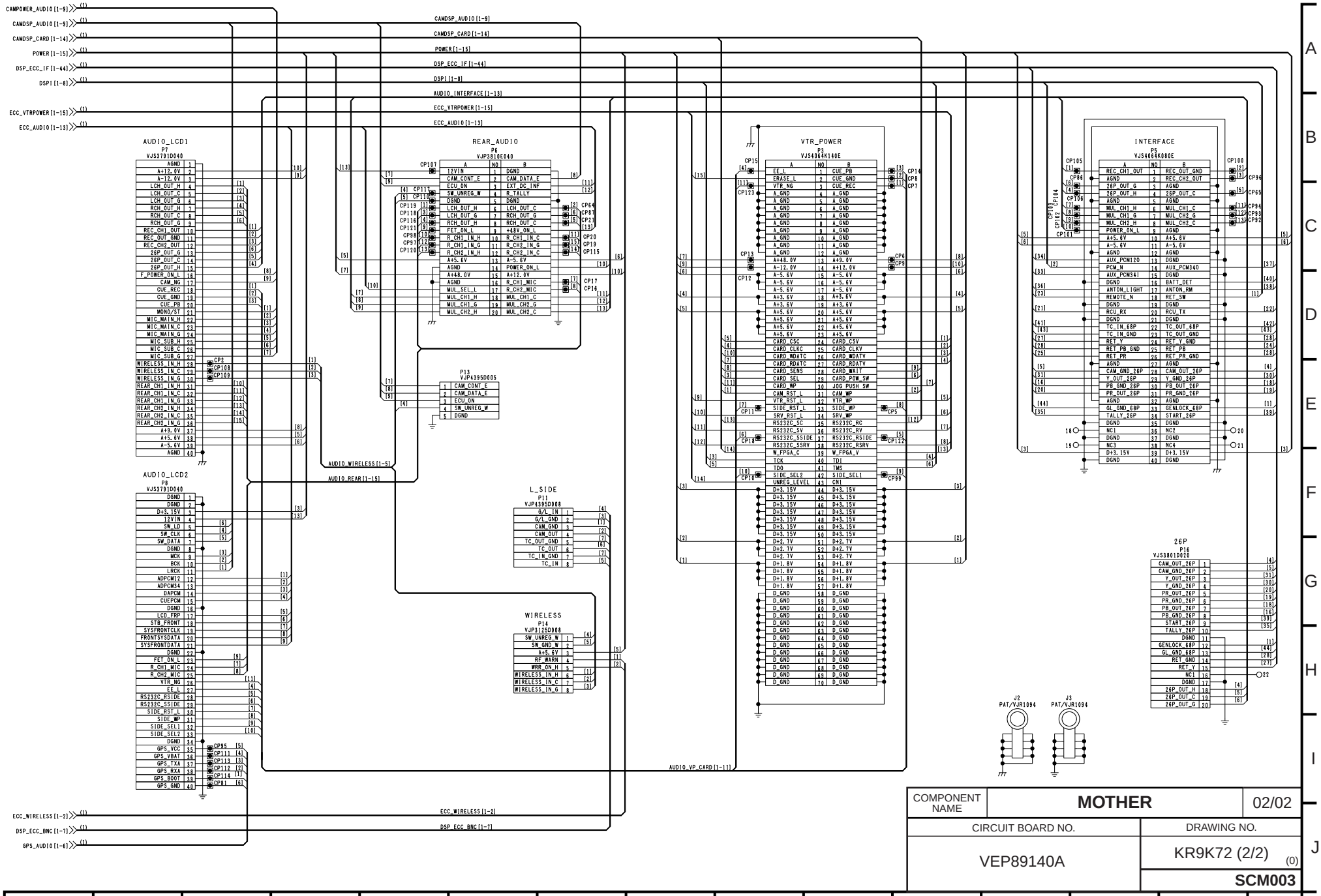


COMPONENT NAME	**OVERALL**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP*****		KR9L08 (1/1) (0)
		SCM001

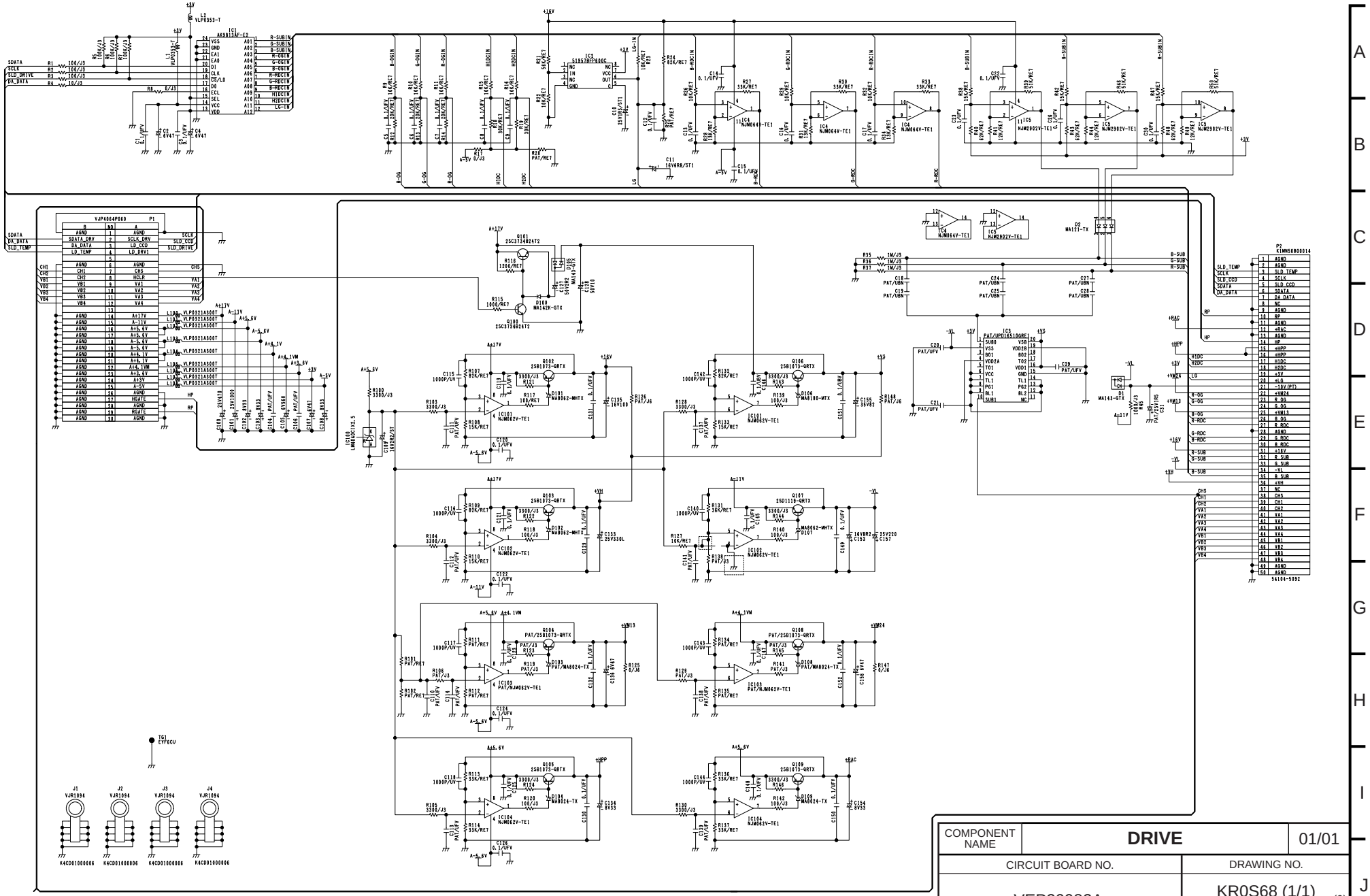
A B C D E F G H I J K L M N

9 10 11 12 13 14 15 16 17 18 19

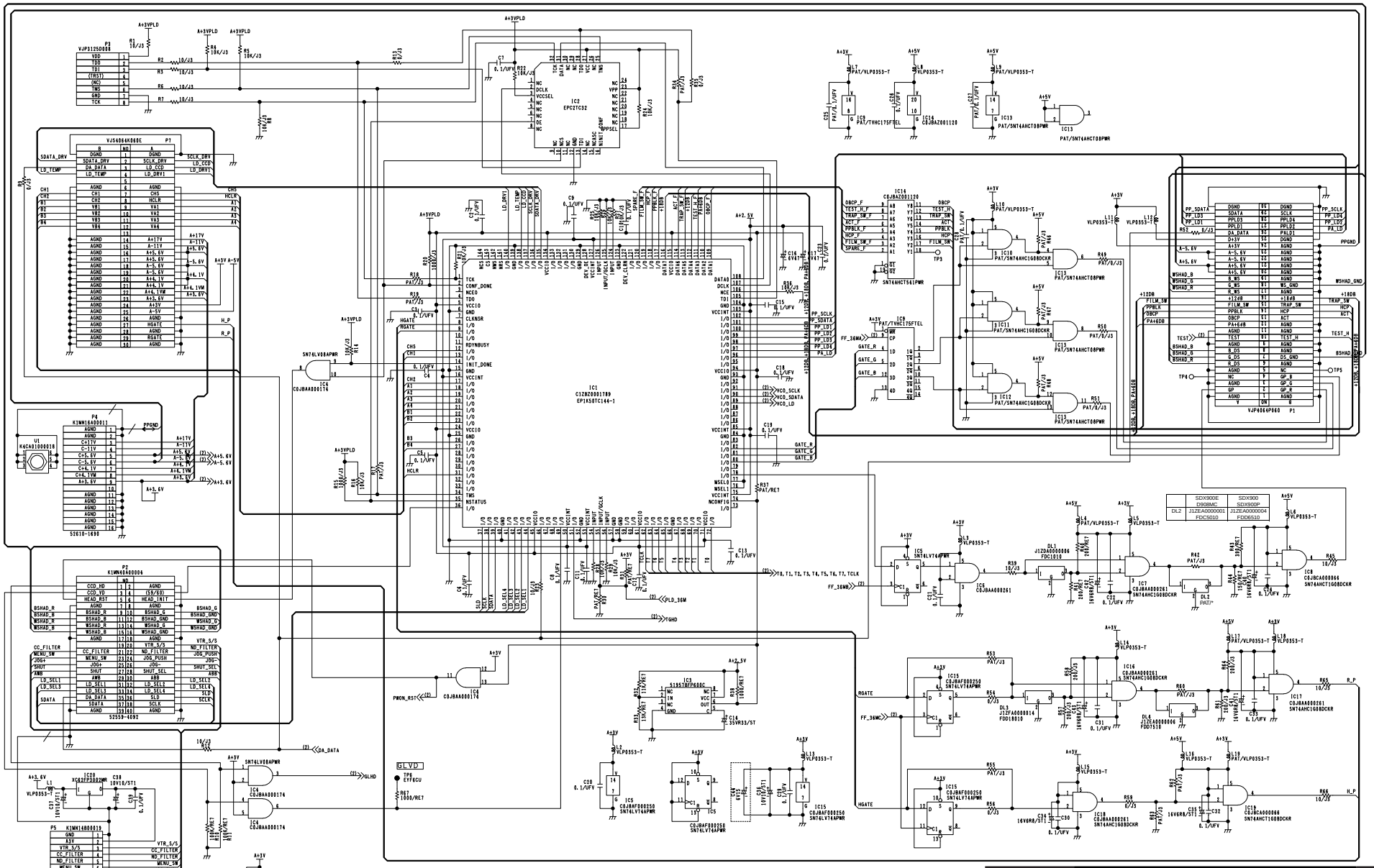

CAM_POWER
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P1
VJP40649160
ECC_SYS
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VJS4064N160E
RF_POWER
P9
VJP4395C012
LENS
P10
VJP4395D012
SERVO
P15
K1KA22B00004
GPS
P12
VJP4395C006
J1
VJR1094
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CAMDSP_AUDIO[1-9]
CAMDSP_CARD[1-14]
POWER[1-15]
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DSPI[1-8]
ECC_VTRPOWER[1-15]
SERVO_ECC[1-13]
ECC_AUDIO[1-13]
DSP_ECC[1-59]
LENS[1-8]
DSP_ECC_BNC[1-7]
GPS_AUDIO[1-6]
ECC_WIRELESS[1-2]
COMPONENT NAME
MOTHER
01/02
CIRCUIT BOARD NO.
VEP89140A
DRAWING NO.
KR9K72 (1/2)
(0)
SCM002



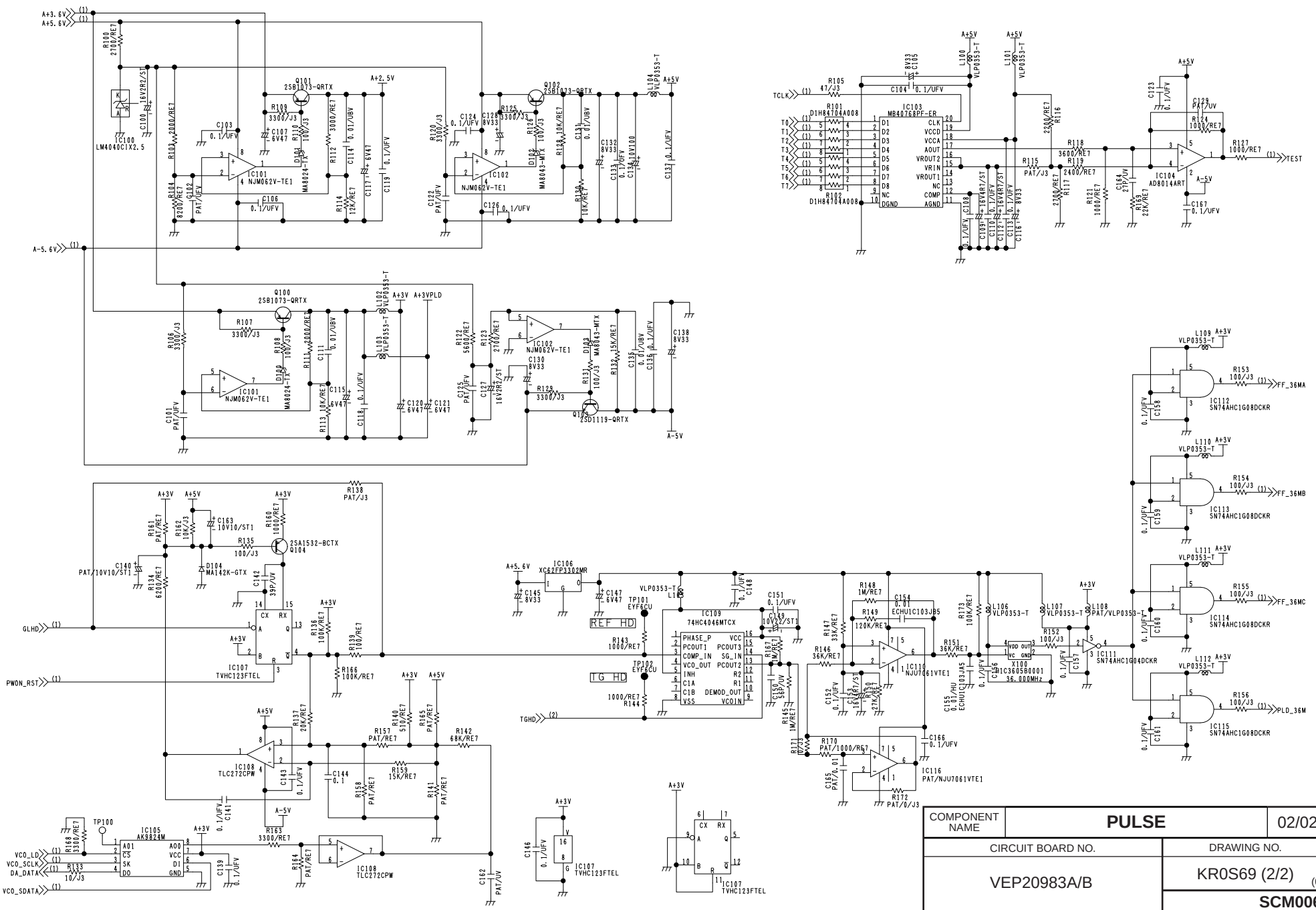
COMPONENT NAME	**MOTHER**	02/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP89140A		KR9K72 (2/2) (0)
		SCM003



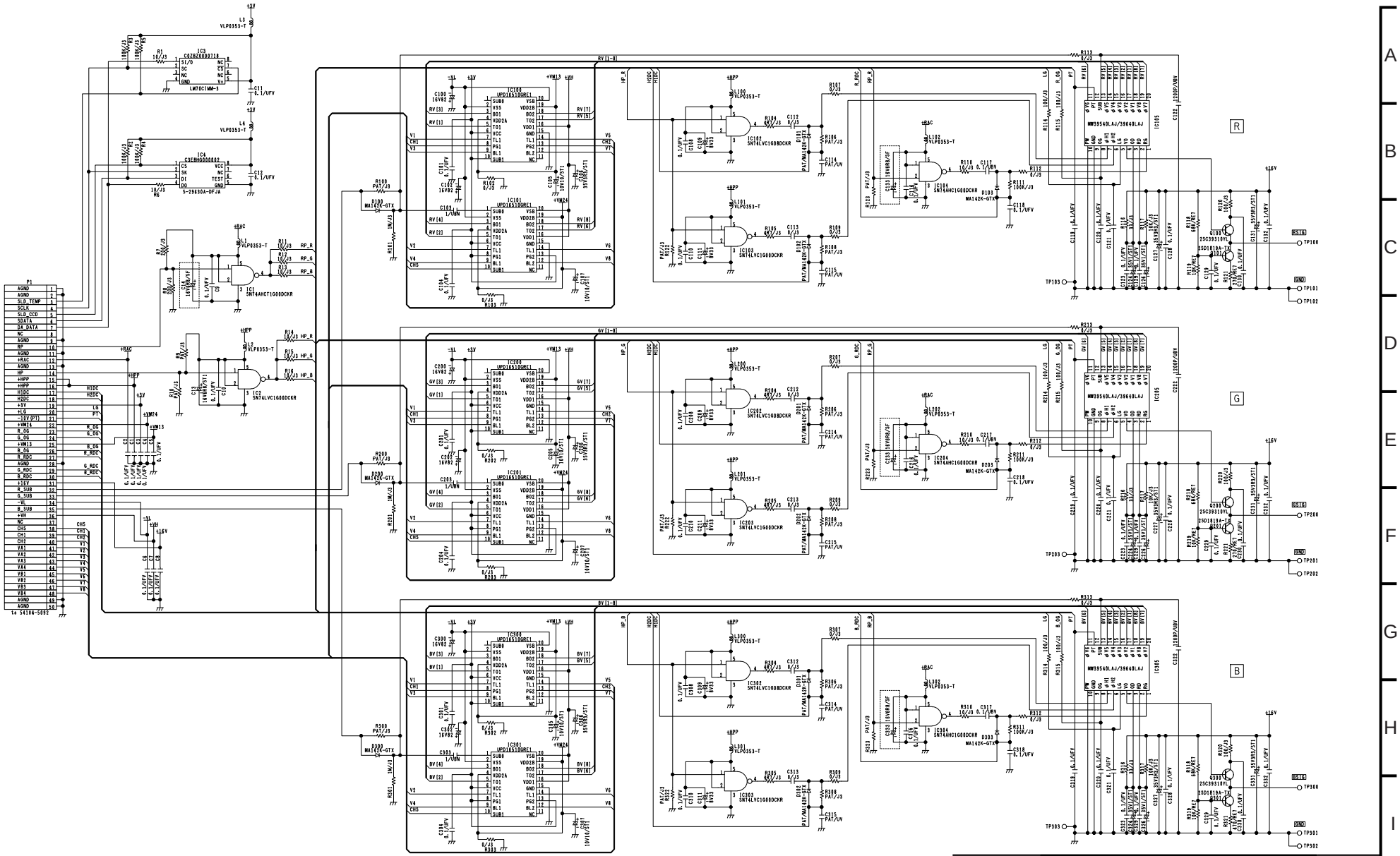
COMPONENT NAME	**DRIVE**	01/01
CIRCUIT BOARD NO.	DRAWING NO.	
VEP20982A	KR0S68 (1/1) (0)	
	SCM004	



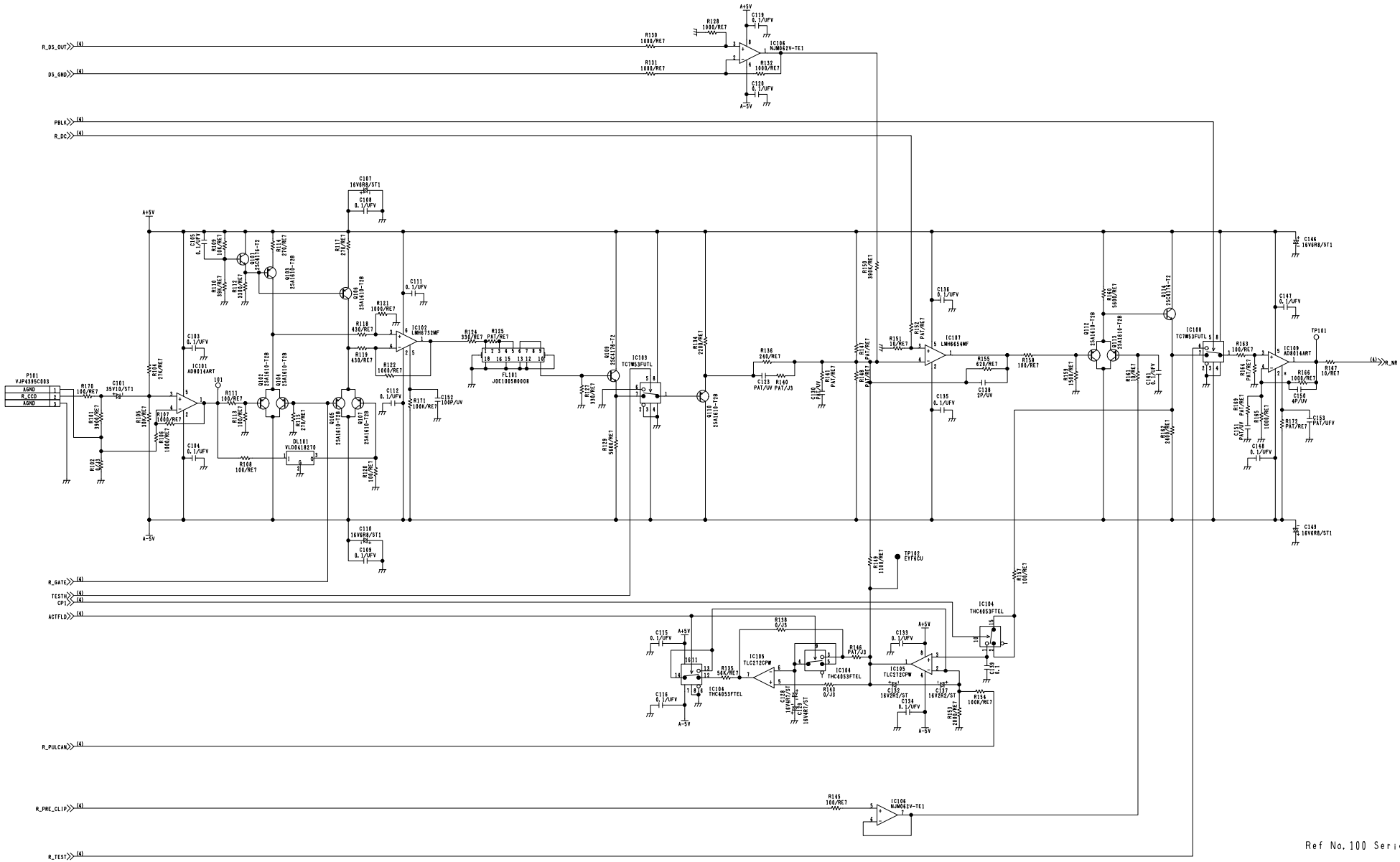
COMPONENT NAME	**PULSE**	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP20983A/B		KR30R74 (1/2) (0)
		SCM005

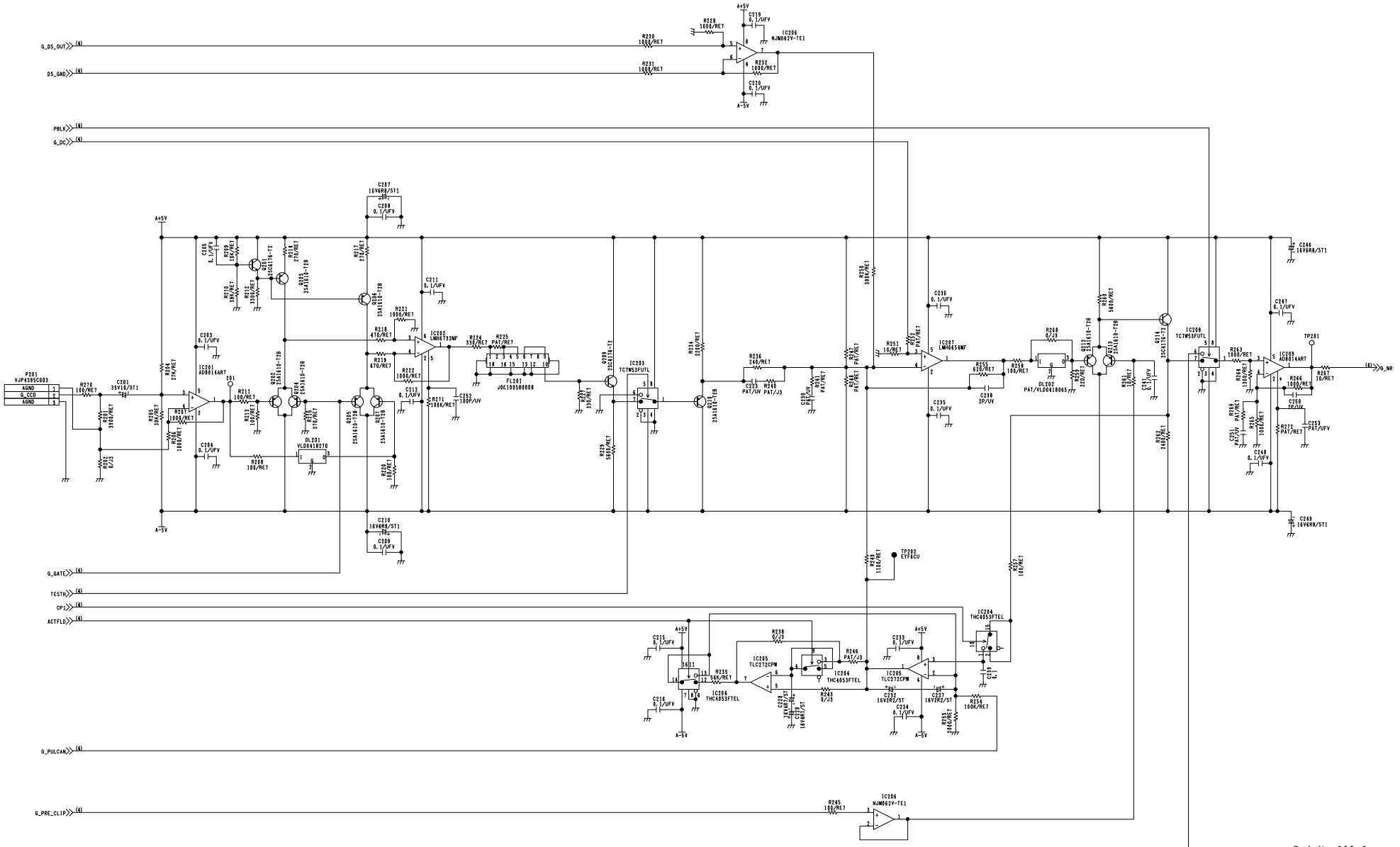


COMPONENT NAME	**PULSE**	02/02
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VEP20983A/B	KR0S69 (2/2) (0)	
	SCM006	

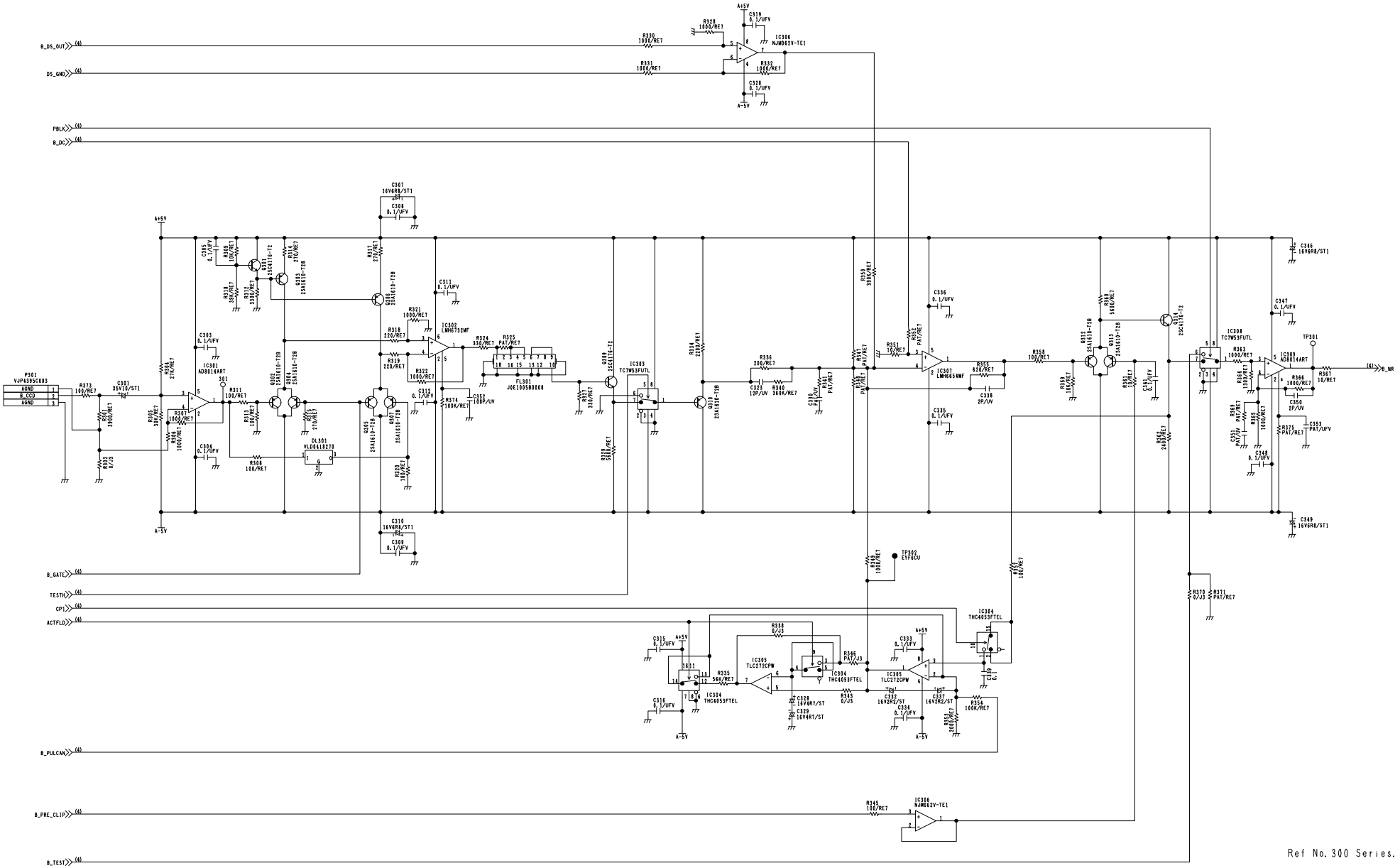


COMPONENT NAME	**CCD**	01/01
CIRCUIT BOARD NO.	DRAWING NO.	
VEP20981A	KR0S67-1 (1/1) (0)	
	SCM007	

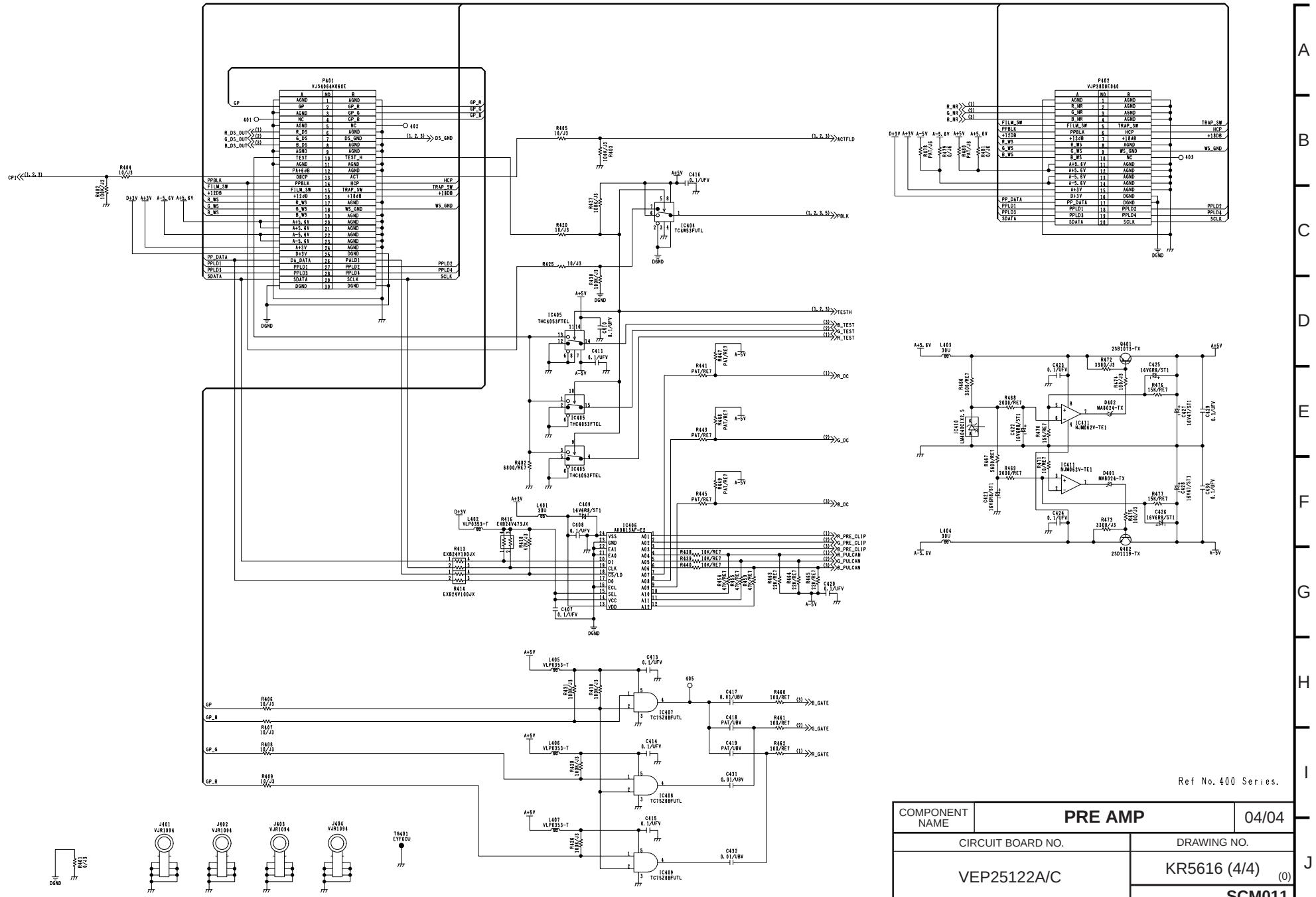

R_DS_OUT
DS_GND
PBLK
R_DC
R_GATE
TEST
CP1
ACTFLD
R_PULCAN
R_PRE_CLIP
R_TEST
P101
VJP4395C003
AGND
R_CCD
AGND
IC101
AD8014ART
IC102
TC7W53FUTL
IC103
LMH6733MF
IC104
THC4053FTEL
IC105
TLC2272CPW
IC106
NJM062V-TE1
IC107
LMH6654MF
IC108
TC7W53FUTL
IC109
AD8014ART
TP101
TP102
DL101
VLD0618270
FL101
JDE1D85R0008
A+5V
A-5V
Ref No. 100 Series.
COMPONENT NAME
PRE AMP
01/04
CIRCUIT BOARD NO.
VEP25122A/C
DRAWING NO.
KR5616 (1/4) (0)
SCM008



COMPONENT NAME	**PRE AMP**	02/04
CIRCUIT BOARD NO.	DRAWING NO.	
VEP25122A/C	KR5616 (2/4) (0)	
	SCM009	

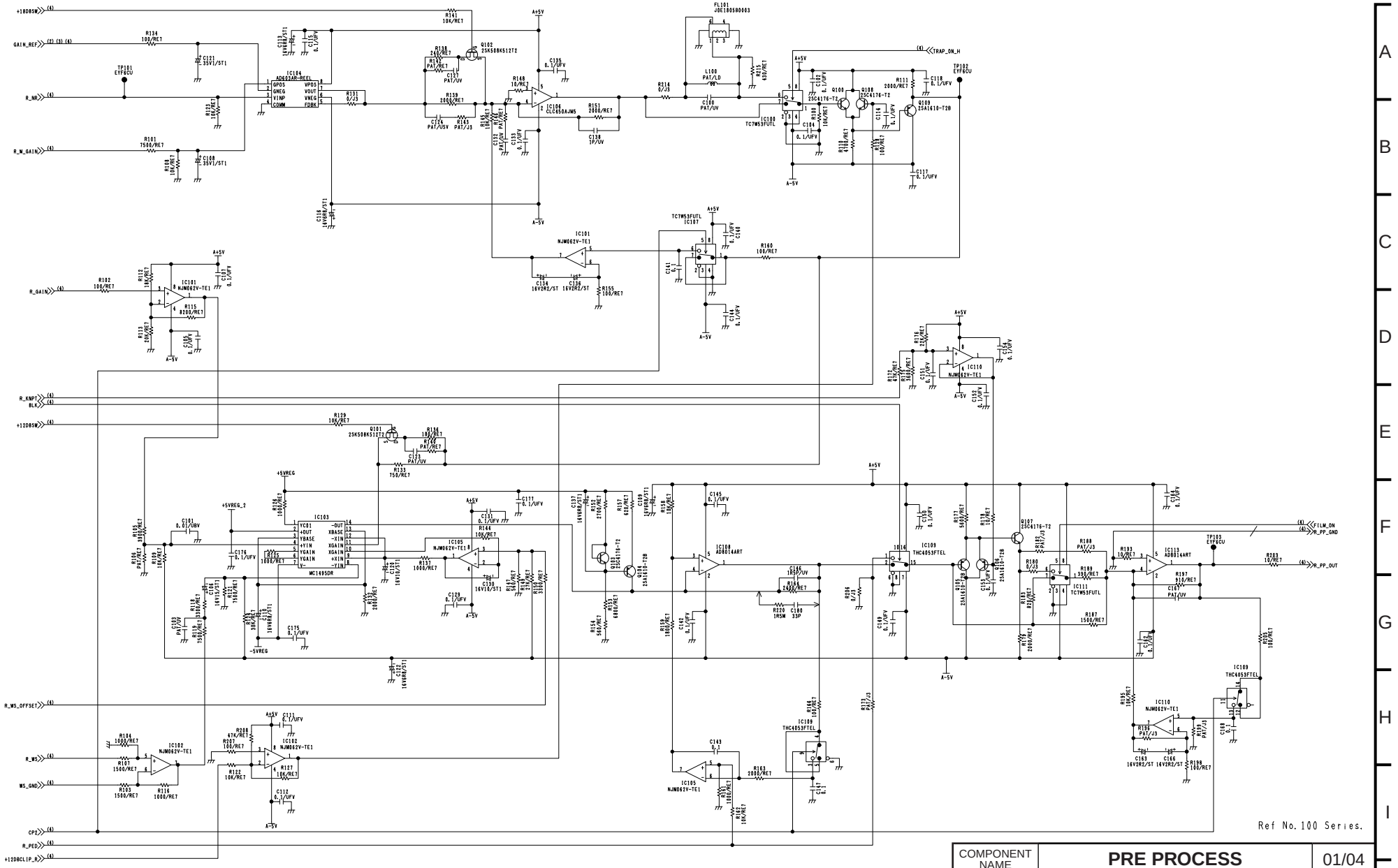


COMPONENT NAME	**PRE AMP**	03/04
CIRCUIT BOARD NO.	DRAWING NO.	
VEP25122A/C	KR5616 (3/4) (0)	
	SCM010	



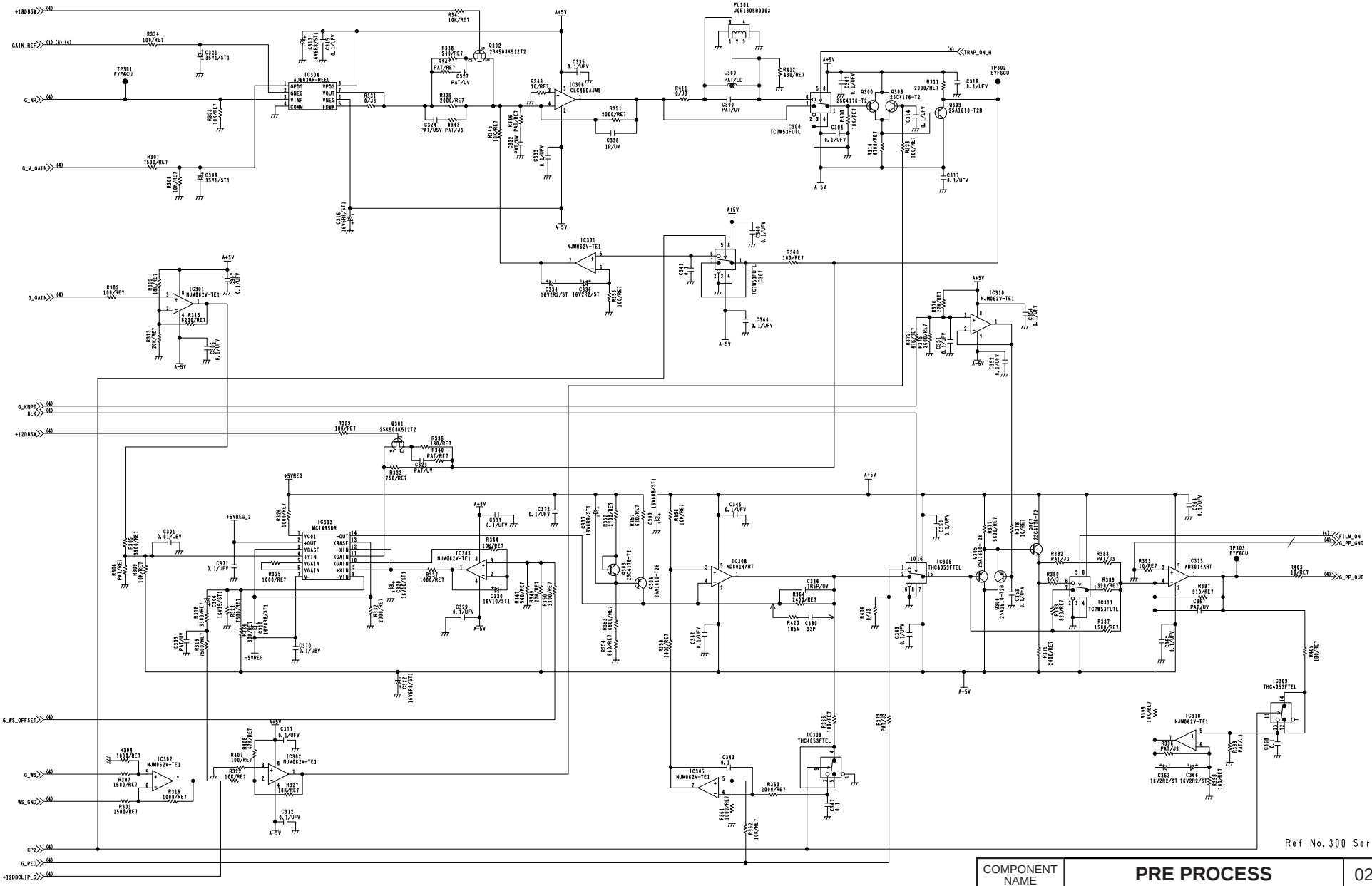
Ref No. 400 Series.

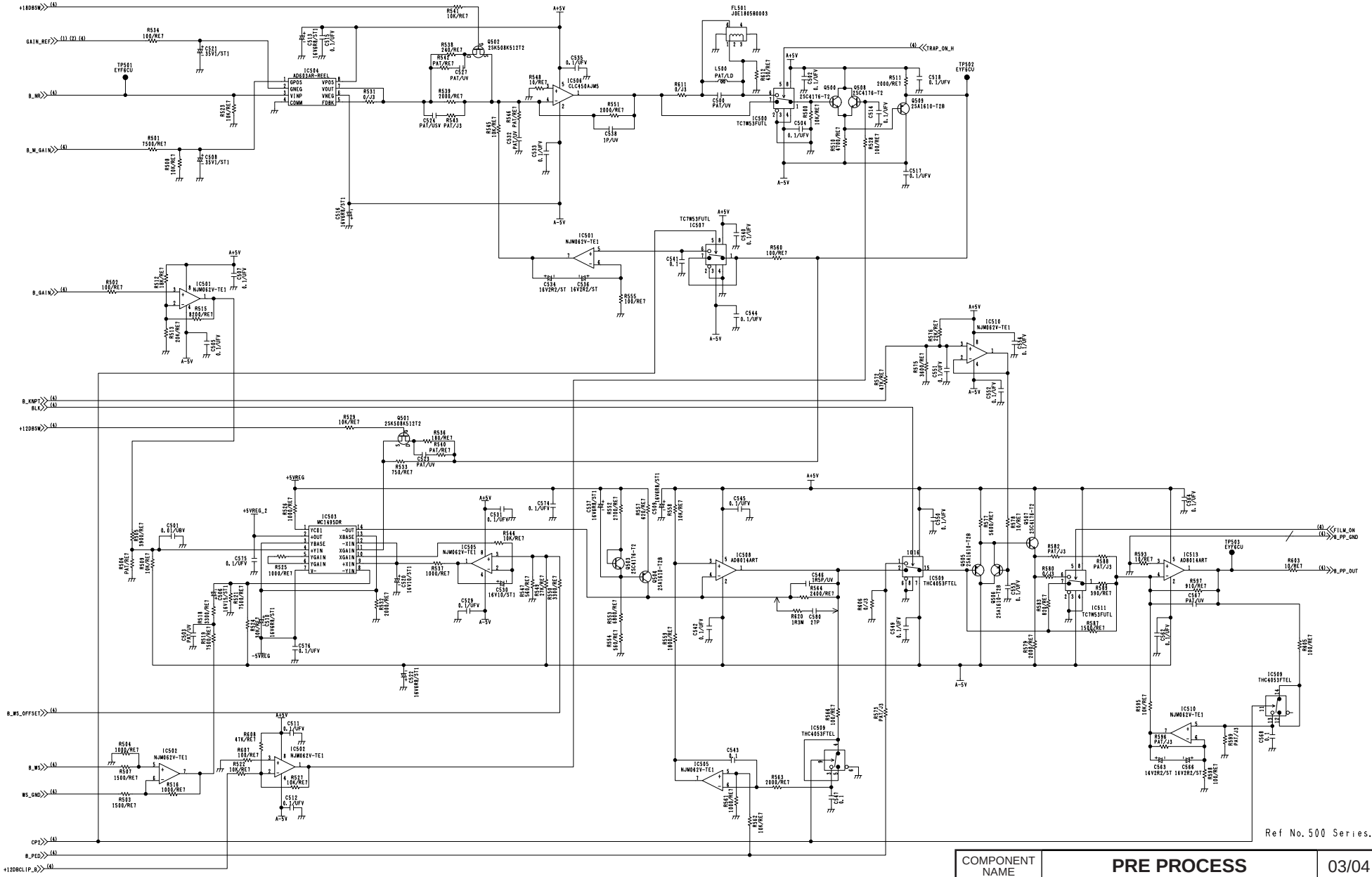
COMPONENT NAME	PRE AMP	04/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP25122A/C		KR5616 (4/4) (0)
		SCM011



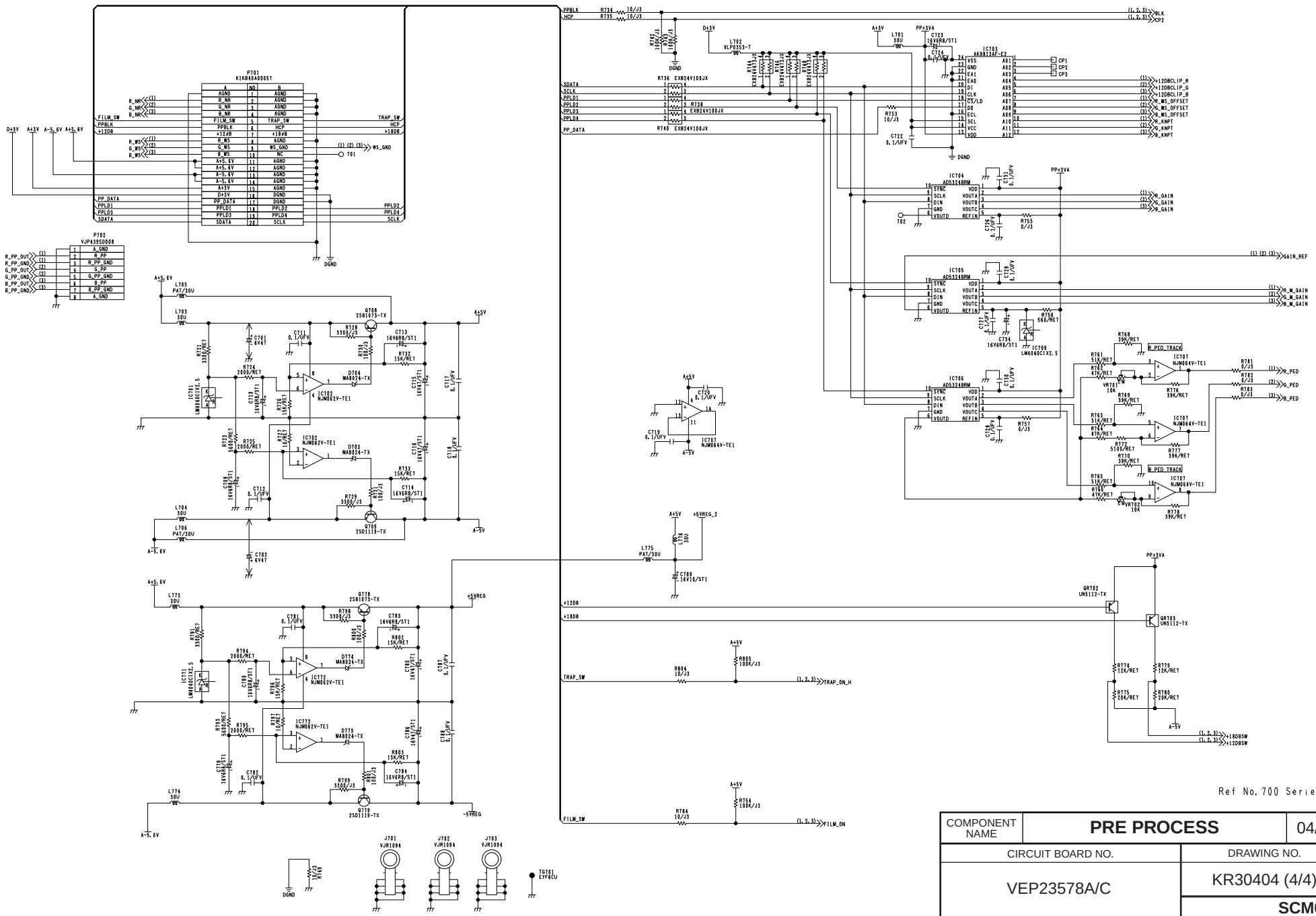
Ref No. 100 Series.

COMPONENT NAME	PRE PROCESS	01/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP23578A/C		KR30404 (1/4) (0)
		SCM012


+18DBSW
GAIN_REF
G_NR
G_M_GAIN
G_GAIN
G_KNPT
BLK
+12DBSW
G_WS_OFFSET
G_WS
WS_GND
CP2
G_PED
+12DBCLIP_G
TRAP_ON_H
FILM_ON
G_PP_GND
G_PP_OUT
A+5V
A-5V
+5VREG
+5VREG_2
-5VREG
IC303 MC14053BR
IC304 AD8031AR-REEL
IC305 NJM062V-TE1
IC306 CLC450AJP8
IC307 TC7MS3FUTL
IC308 AD8014ART
IC309 THC4053FTEL
IC310 NJM062V-TE1
IC311 TC7MS3FUTL
IC313 AD8014ART
IC300 TC7MS3FUTL
IC301 NJM062V-TE1
IC302 NJM062V-TE1
Q300 2SC4176-T2
Q301 2SA1618-T2B
Q302 2SK508K512T2
Q303 2SC4116-T2
Q304 2SA1618-T2B
Q305 2SC4116-T2
Q306 2SA1618-T2B
Q307 2SC4116-T2
Q308 2SC4176-T2
Q309 2SA1618-T2B
Q310 2SC4116-T2
Q311 2SA1618-T2B
Q312 2SC4116-T2
Q313 2SA1618-T2B
Q314 2SC4116-T2
Q315 2SA1618-T2B
Q316 2SC4116-T2
Q317 2SA1618-T2B
Q318 2SC4116-T2
Q319 2SA1618-T2B
Q320 2SC4116-T2
Q321 2SA1618-T2B
Q322 2SC4116-T2
Q323 2SA1618-T2B
Q324 2SC4116-T2
Q325 2SA1618-T2B
Q326 2SC4116-T2
Q327 2SA1618-T2B
Q328 2SC4116-T2

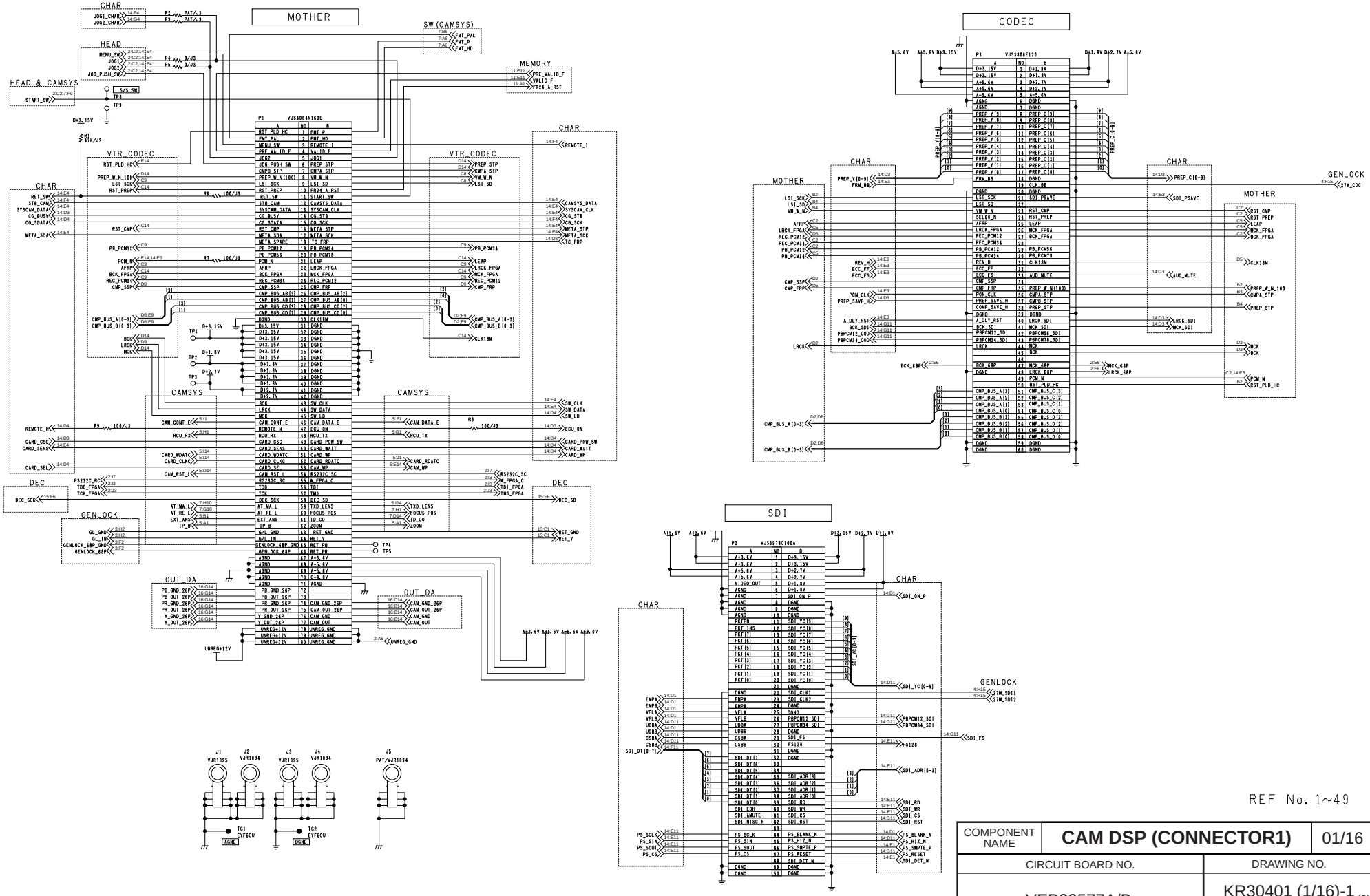


COMPONENT NAME	**PRE PROCESS**	03/04
CIRCUIT BOARD NO.	DRAWING NO.	
VEP23578A/C	KR30404 (3/4) (0)	
	SCM014	

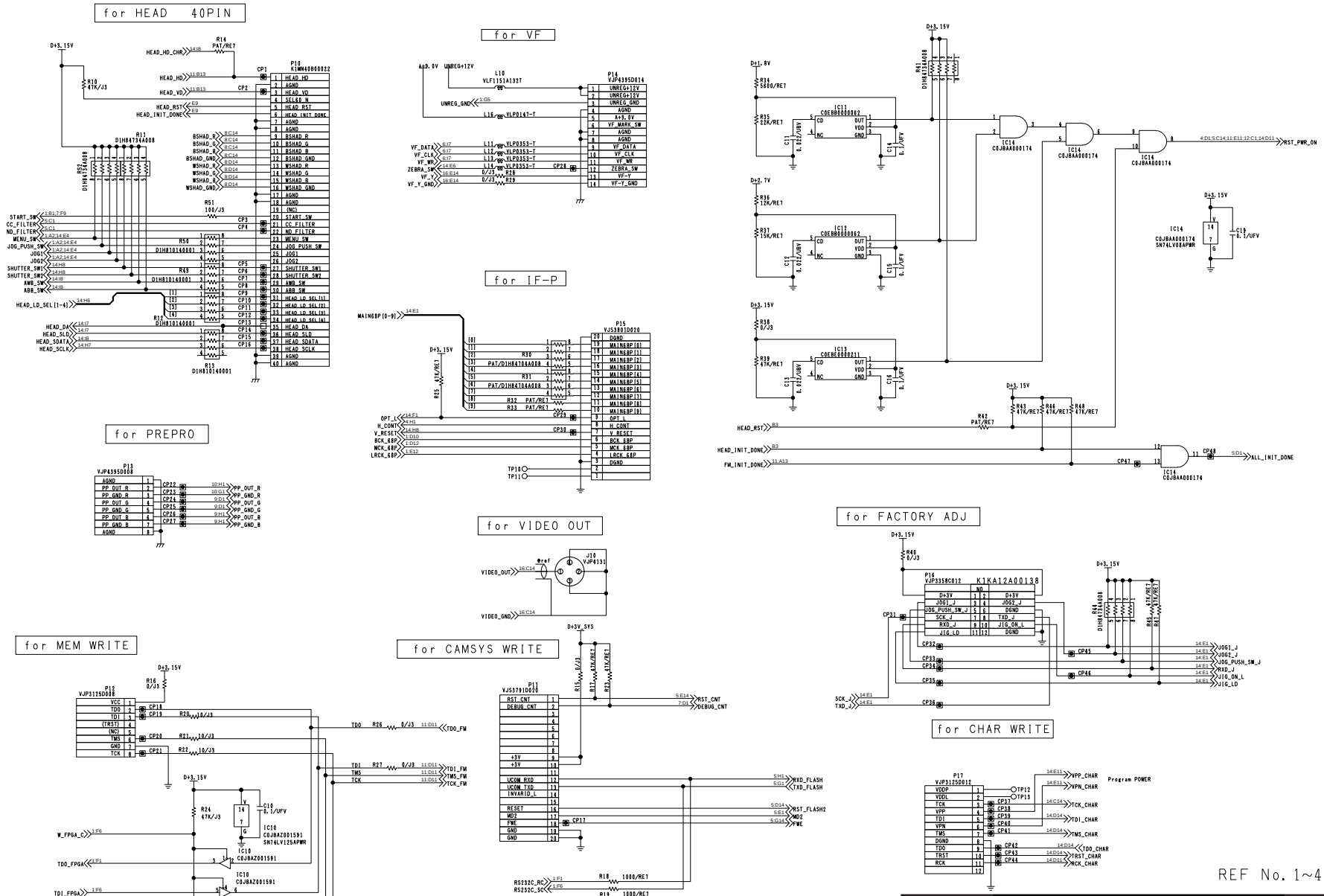


Ref No. 700 Series.

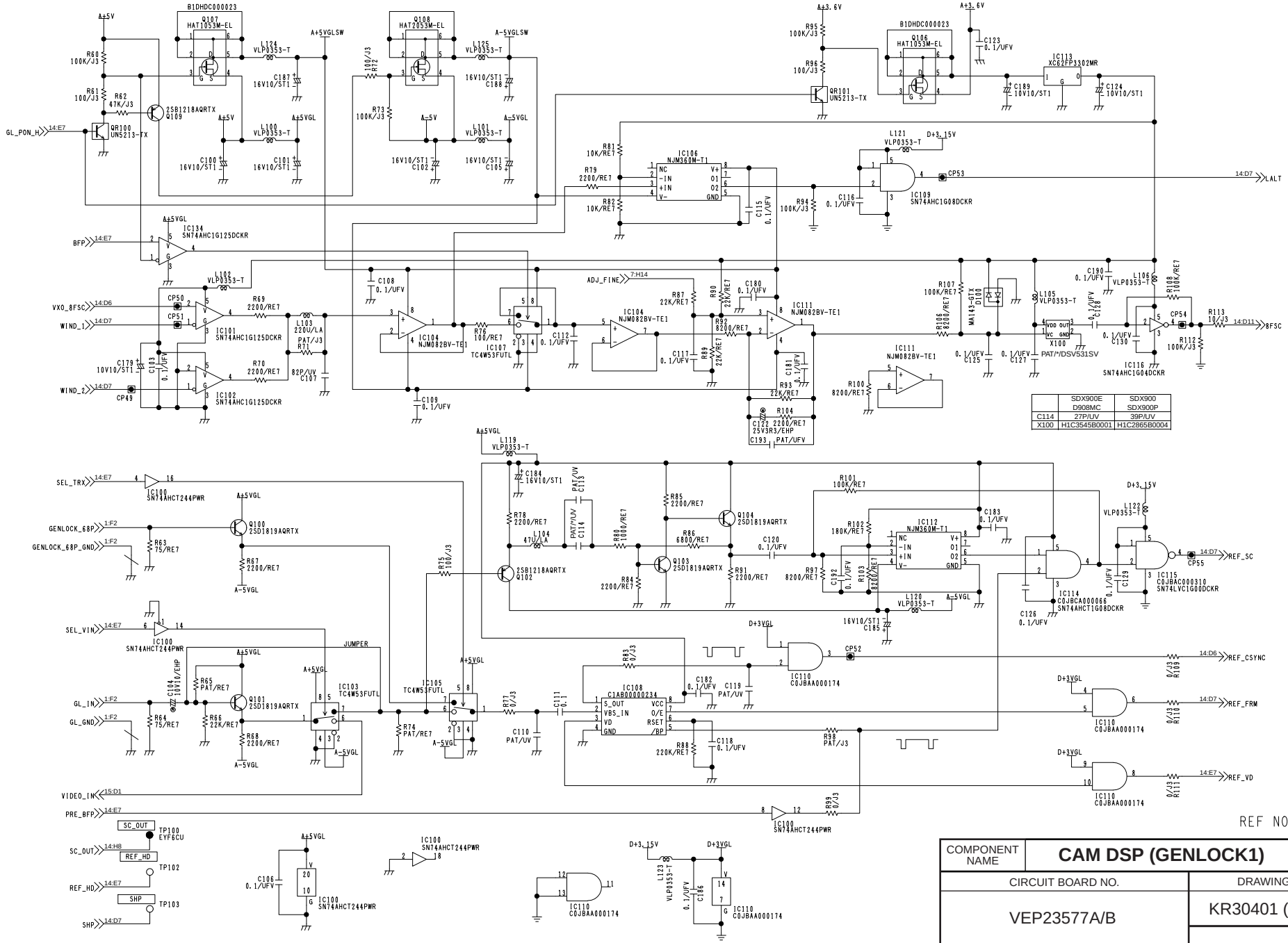
COMPONENT NAME	**PRE PROCESS**	04/04
CIRCUIT BOARD NO.		DRAWING NO.
VEP23578A/C		KR30404 (4/4) (0)
		SCM015

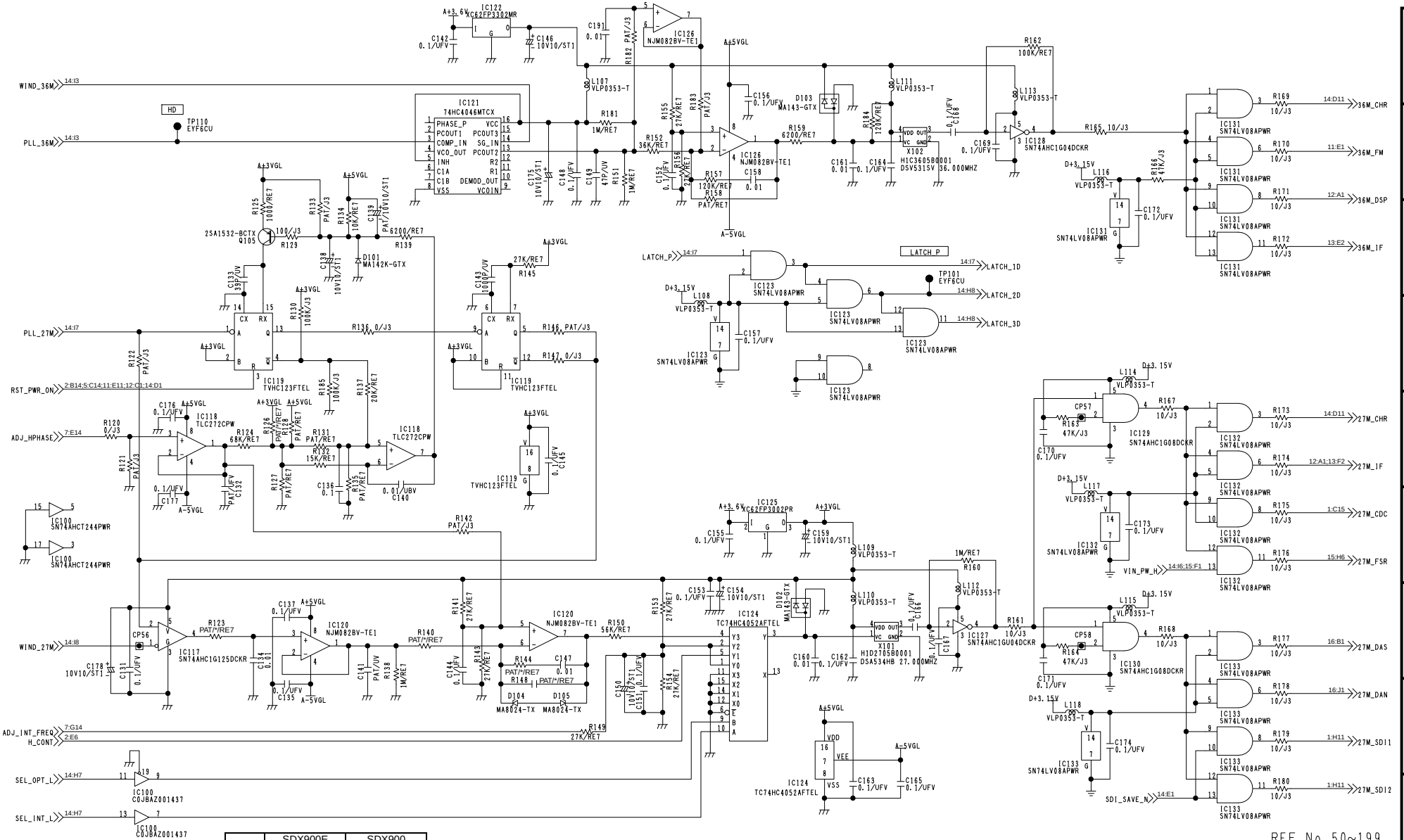


COMPONENT NAME	**CAM DSP (CONNECTOR1)**	01/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (1/16)-1 (0)
		SCM016



COMPONENT NAME	CAM DSP (CONNECTOR2)	02/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (2/16)-1 (0)
		SCM017

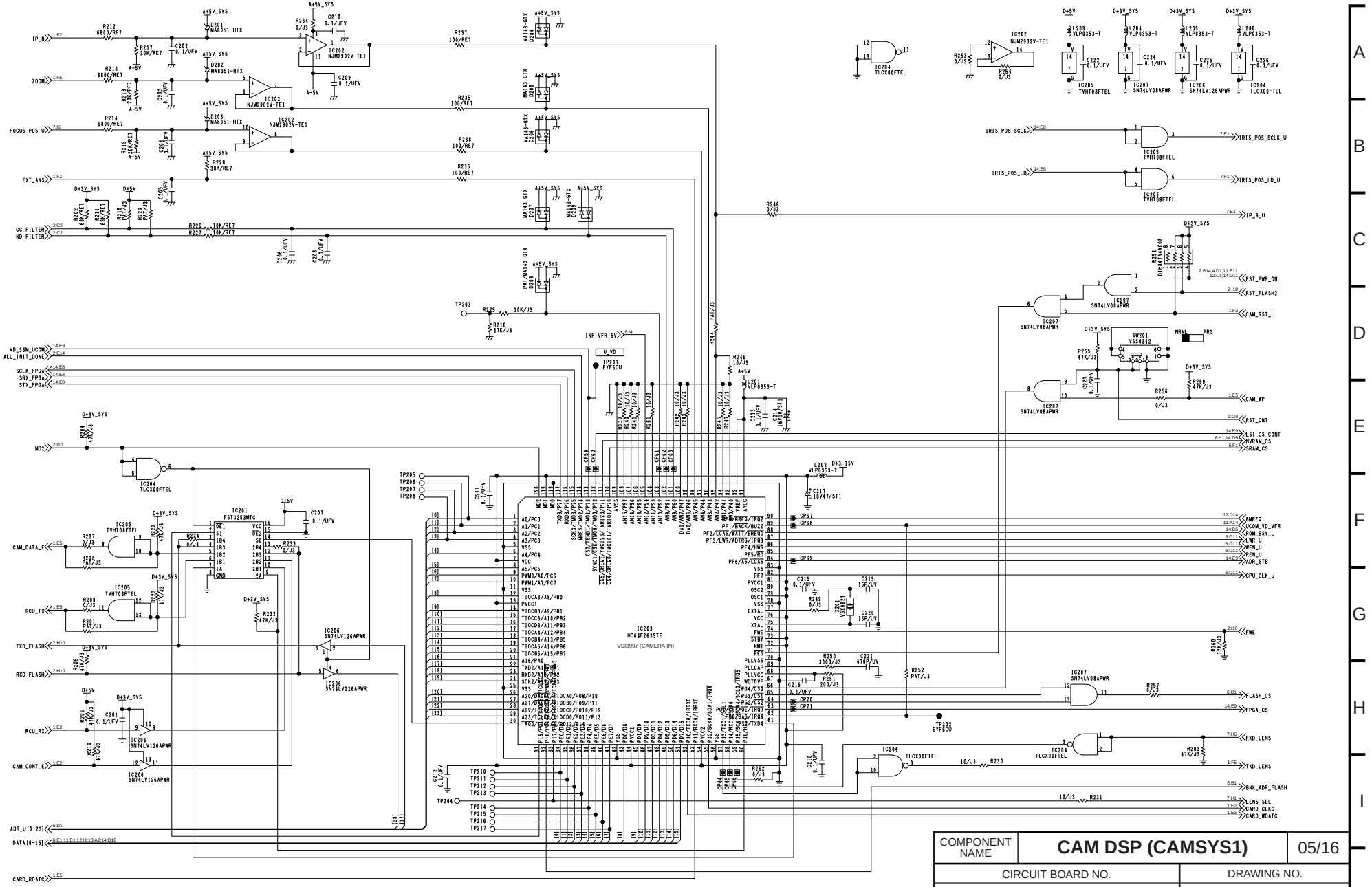

A+5V
B1DHDC000023
Q107 HAT1053M-EL
L124 VLP0353-T
A+5VGLSW
C187 16V10/ST1
Q108 HAT2053M-EL
L125 VLP0353-T
A-5VGLSW
C188 16V10/ST1
R60 100K/J3
R61 100/J3
R62 47K/J3
2SB1218AQRTX Q109
QR100 UN5213-TX
GL_PON_H 14:E7
L100 VLP0353-T
L101 VLP0353-T
A+5VGL
A-5VGL
C100 16V10/ST1
C101 16V10/ST1
C102 16V10/ST1
C105 16V10/ST1
R72 100/J3
R73 100K/J3
A+3.6V
R95 100K/J3
R96 100/J3
QR101 UN5213-TX
B1DHDC000023
Q106 HAT1053M-EL
C123 0.1/UFV
IC113 XC62FP3302MR
C189 10V10/ST1
C124 10V10/ST1
R81 10K/RE7
R79 2200/RE7
R82 10K/RE7
IC106 NJM360M-T1
C115 0.1/UFV
R94 100K/J3
C116 0.1/UFV
L121 VLP0353-T
D+3.15V
IC109 SN74AHC1G08DCKR
CP53
14:D7 LALT
BFP 14:E7
IC134 SN74AHC1G125DCKR
L102 VLP0353-T
CP50
CP51
VX0_8FSC 14:D6
WIND_1 14:D7
WIND_2 14:D7
CP49
R69 2200/RE7
R70 2200/RE7
IC101 SN74AHC1G125DCKR
IC102 SN74AHC1G125DCKR
L103 220U/LA
PAT/J3
R71 82P/UV
C107
C179 10V10/ST1
C103 0.1/UFV
C108 0.1/UFV
C109 0.1/UFV
ADJ_FINE 7:H14
IC104 NJM082BV-TE1
R76 100/RE7
IC107 TC4W53FUTL
C112 0.1/UFV
IC104 NJM082BV-TE1
R87 22K/RE7
R89 22K/RE7
R90 22K/RE7
C117 0.1/UFV
C180 0.1/UFV
IC111 NJM082BV-TE1
R92 8200/RE7
R93 22K/RE7
C181 0.1/UFV
R104
C122 2200/RE7 25V5R3/EHP
C193 PAT/UFV
R107 100K/RE7
R108 8200/RE7
MA143-GTX D100
L105 VLP0353-T
C190 0.1/UFV
L106 VLP0353-T
R108 100K/RE7
C128 0.1/UFV
C130 0.1/UFV
CP54
R113 10/J3
14:D11 8FSC
R112 100K/J3
IC116 SN74AHC1G04DCKR
R100 8200/RE7
C125 0.1/UFV
C127 0.1/UFV
X100 PAT/*/DSV531SV
VDD OUT
VC GND
SDX900E SDX900
D908MC SDX900P
C114 27P/UV 39P/UV
X100 H1C3545B0001 H1C2865B0004
L119 VLP0353-T
C184 16V10/ST1
PAT/UV C113
C114
R78 2200/RE7
L104 47U/LA
R80 1000/RE7
R85 2200/RE7
Q104 2SD1819AQRTX
R86 6800/RE7
Q103 2SD1819AQRTX
2SB1218AQRTX Q102
R84 2200/RE7
R91 2200/RE7
C120 0.1/UFV
R101 100K/RE7
R102 180K/RE7
IC112 NJM360M-T1
C183 0.1/UFV
R97 8200/RE7
C182 0.1/UFV
R103 8200/RE7
L120 VLP0353-T
16V10/ST1 C185
C126 0.1/UFV
IC114 C0JBCA000066 SN74AHCT1G08DCKR
D+3.15V
L122 VLP0353-T
C129 0.1/UFV
IC115 C0JBAC000310 SN74LVC1G00DCKR
14:D7 CP55
REF_SC
SEL_TRX 14:E7
IC100 SN74AHCT244PWR
GENLOCK_68P 1:F2
GENLOCK_68P_GND 1:F2
Q100 2SD1819AQRTX
R63 75/RE7
R67 2200/RE7
R75 100/J3
SEL_VIN 14:E7
JUMPER
C104 10V10/EHP
R65 PAT/RE7
Q101 2SD1819AQRTX
GL_IN 1:F2
GL_GND 1:F2
R64 75/RE7
R66 22K/RE7
R68 2200/RE7
IC103 TC4W53FUTL
IC105 TC4W53FUTL
R74 PAT/RE7
R77 0/J3
C111 0.1
C110 PAT/UV
R83 0/J3
IC108 C1AB00000234
S_OUT
VBS_IN
VD
GND
VCC
O/E
RSET
/BP
C182 0.1/UFV
C119 PAT/UV
R88 220K/RE7
C118 0.1/UFV
R98 PAT/J3
D+3VGL
CP52
IC110 C0JBAA000174
14:D6 REF_CSYNC
R109 0/J3
14:D7 REF_FRM
R110 0/J3
14:E7 REF_VD
R111 0/J3
VIDEO_IN 15:D1
PRE_BFP 14:E7
R99 0/J3
SC_OUT
TP100 EYF6CU
SC_OUT 14:H8
REF_HD
TP102
REF_HD 14:E7
SHP
TP103
SHP 14:D7
C106 0.1/UFV
L123 VLP0353-T
C186 0.1/UFV
REF NO. 50~199
COMPONENT NAME
CAM DSP (GENLOCK1)
03/16
CIRCUIT BOARD NO.
VEP23577A/B
DRAWING NO.
KR30401 (3/16)-1 (0)
SCM018



	SDX900E D908MC	SDX900 SDX900P
R126	510/RE7	560/RE7
R123	4700/RE7	470/RE7
R140	56K/RE7	10K/RE7
R144	100K/RE7	220K/RE7
R148	680P/UBV	1M/RE7

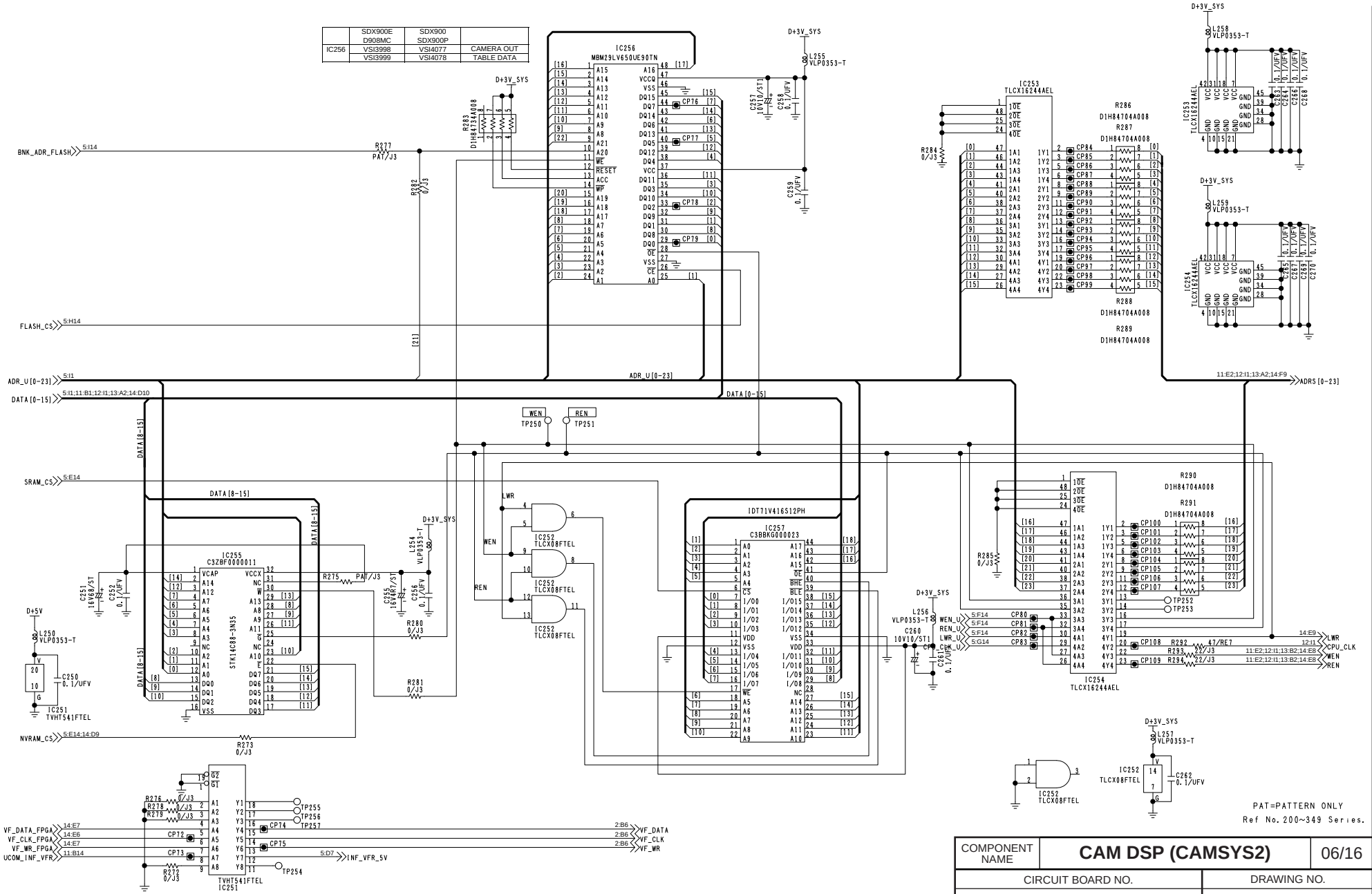
REF No. 50~199

COMPONENT NAME	CAM DSP (GENLOCK2)	04/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (4/16)-1 (0)
		SCM019



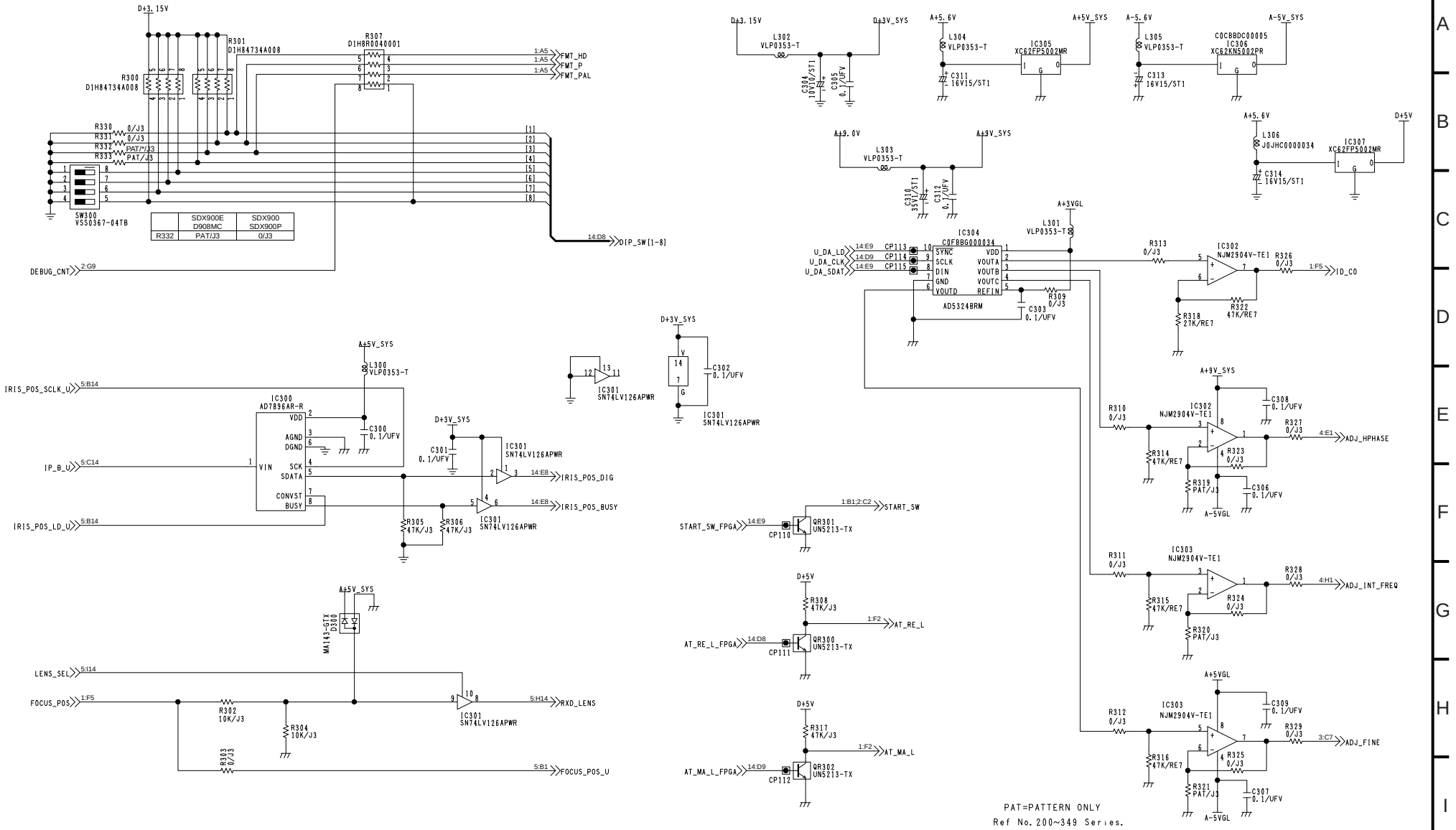
PAT=PATTERN ONLY
Ref No. 201~349 Series.

COMPONENT NAME	CAM DSP (CAMSYS1)	05/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (5/16)-1 (0)
		SCM020

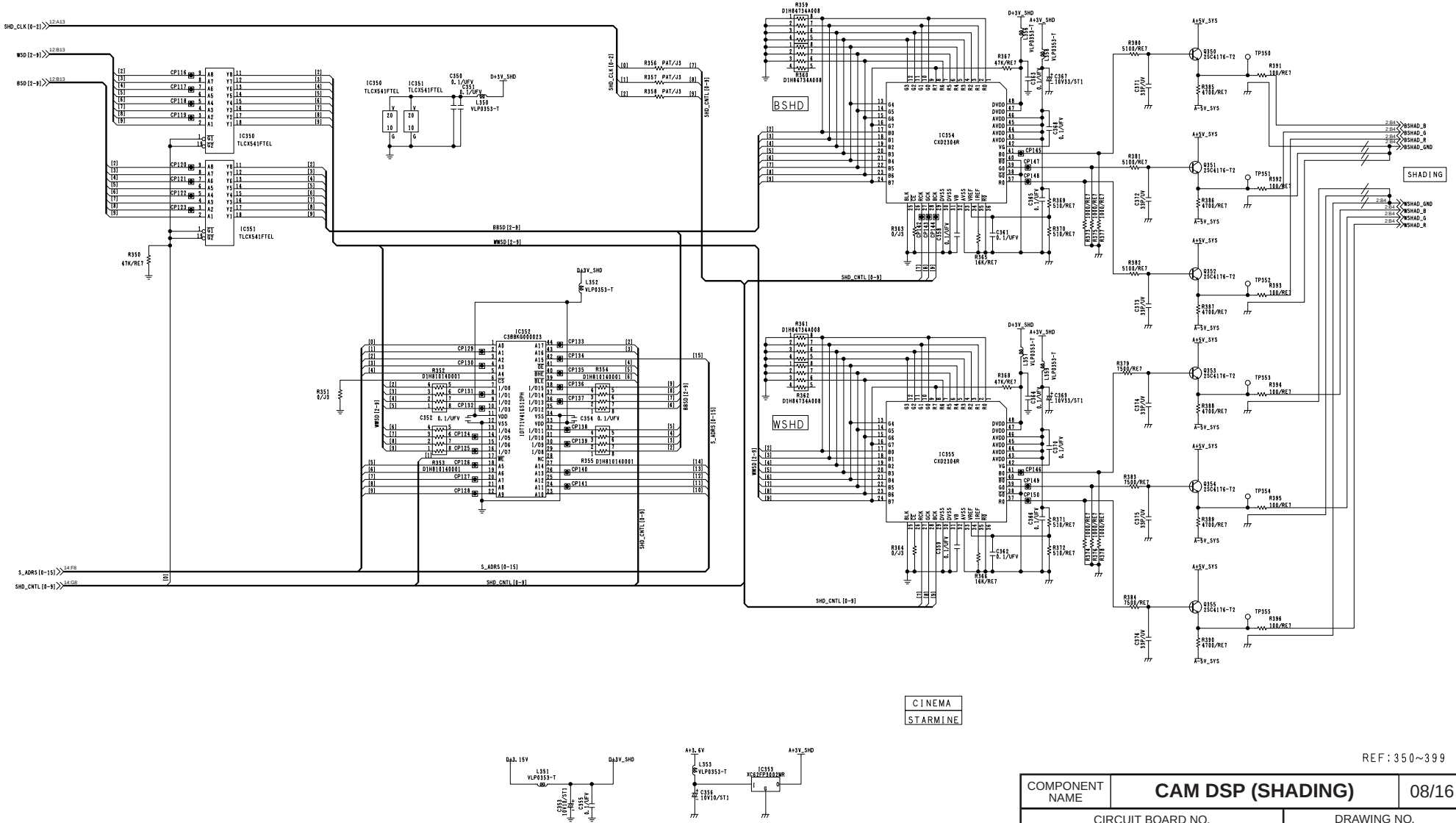


	SDX900E D908MC	SDX900 SDX900P	
IC256	VSI3998	VSI4077	CAMERA OUT
	VSI3999	VSI4078	TABLE DATA

COMPONENT NAME	CAM DSP (CAMSYS2)		06/16
CIRCUIT BOARD NO.		DRAWING NO.	
VEP23577A/B		KR30401 (6/16)-1 (0)	
		SCM021	

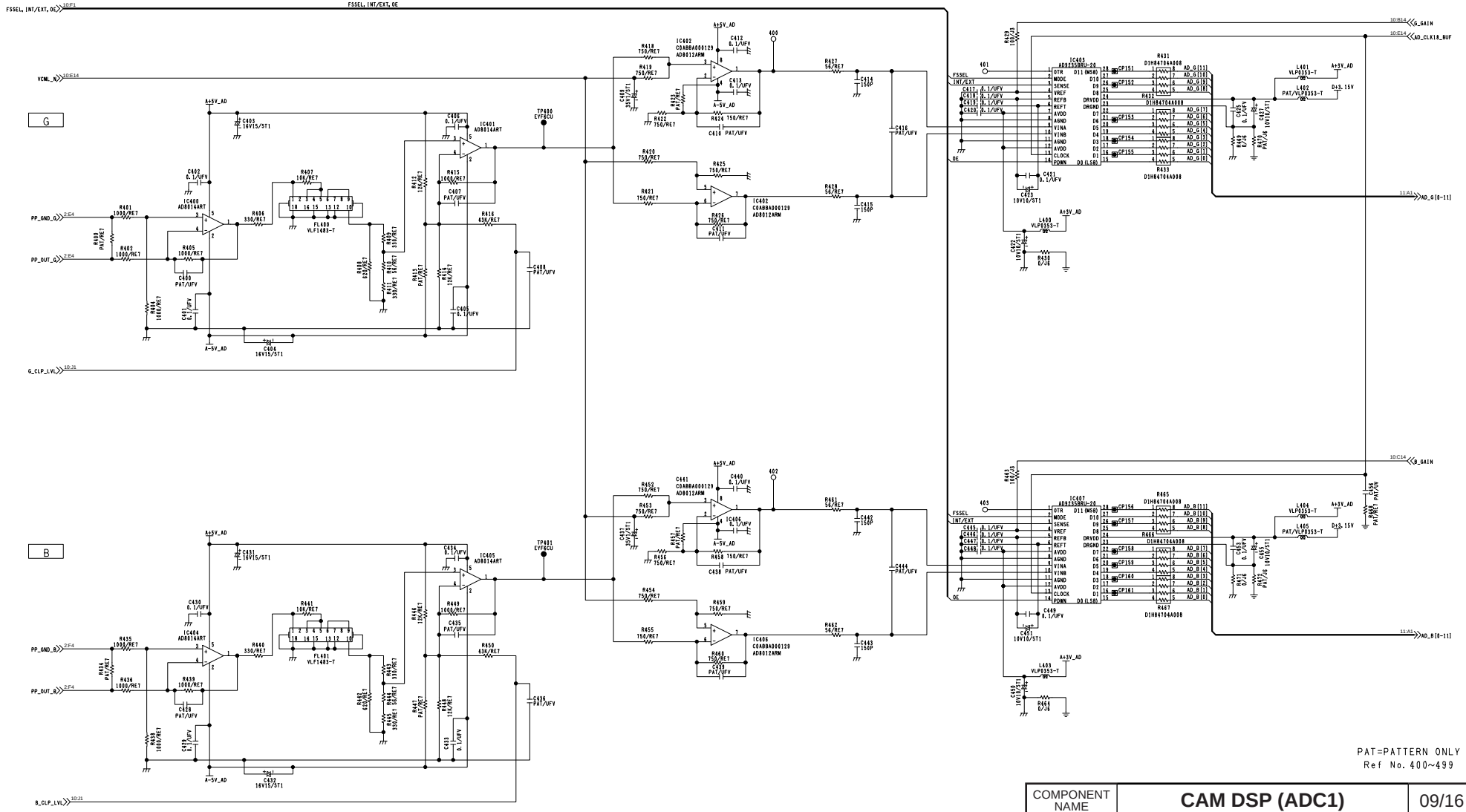


COMPONENT NAME	CAM DSP (CAMSYS3)	07/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (7/16)-1 (0)
		SCM022

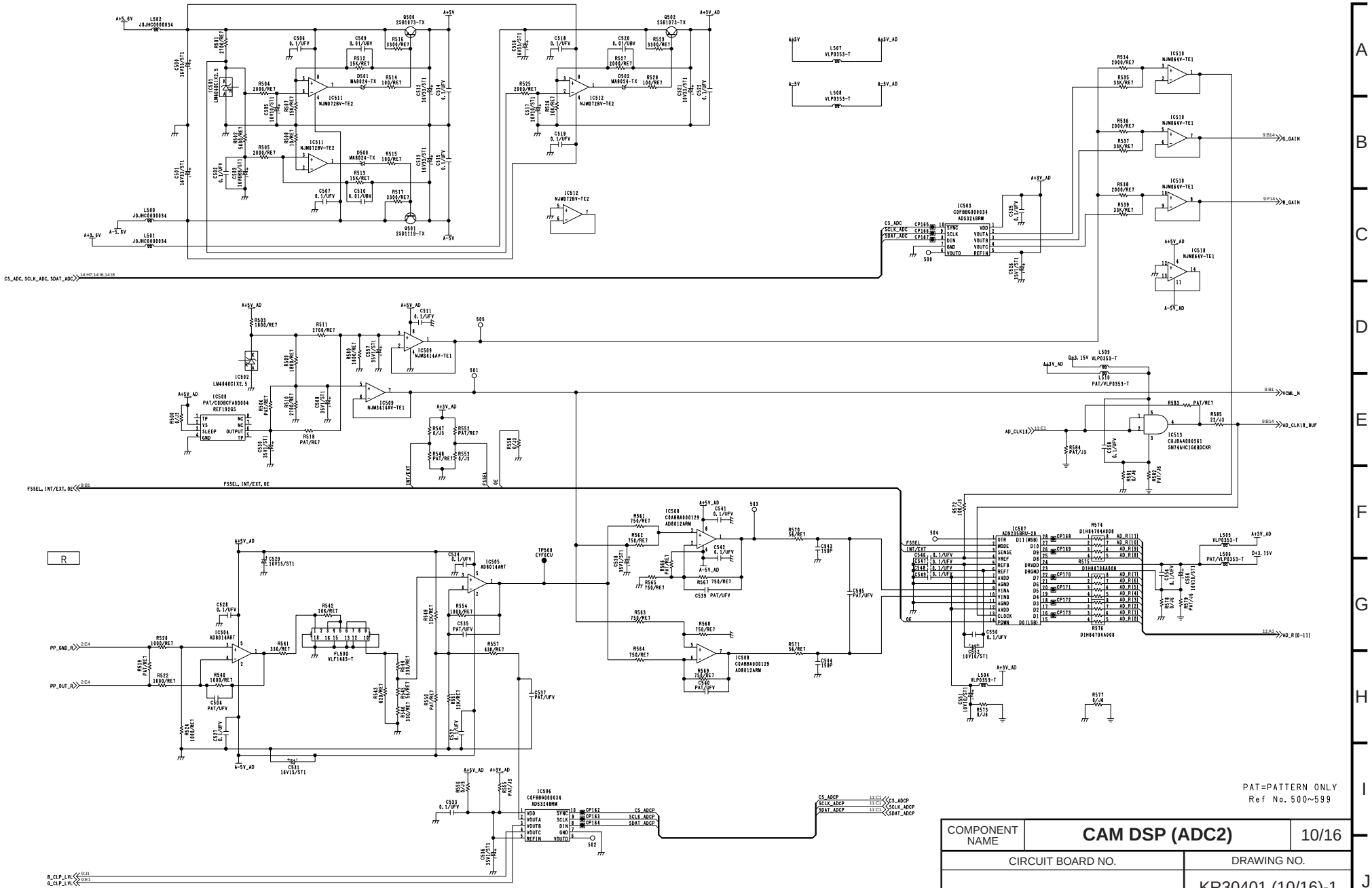


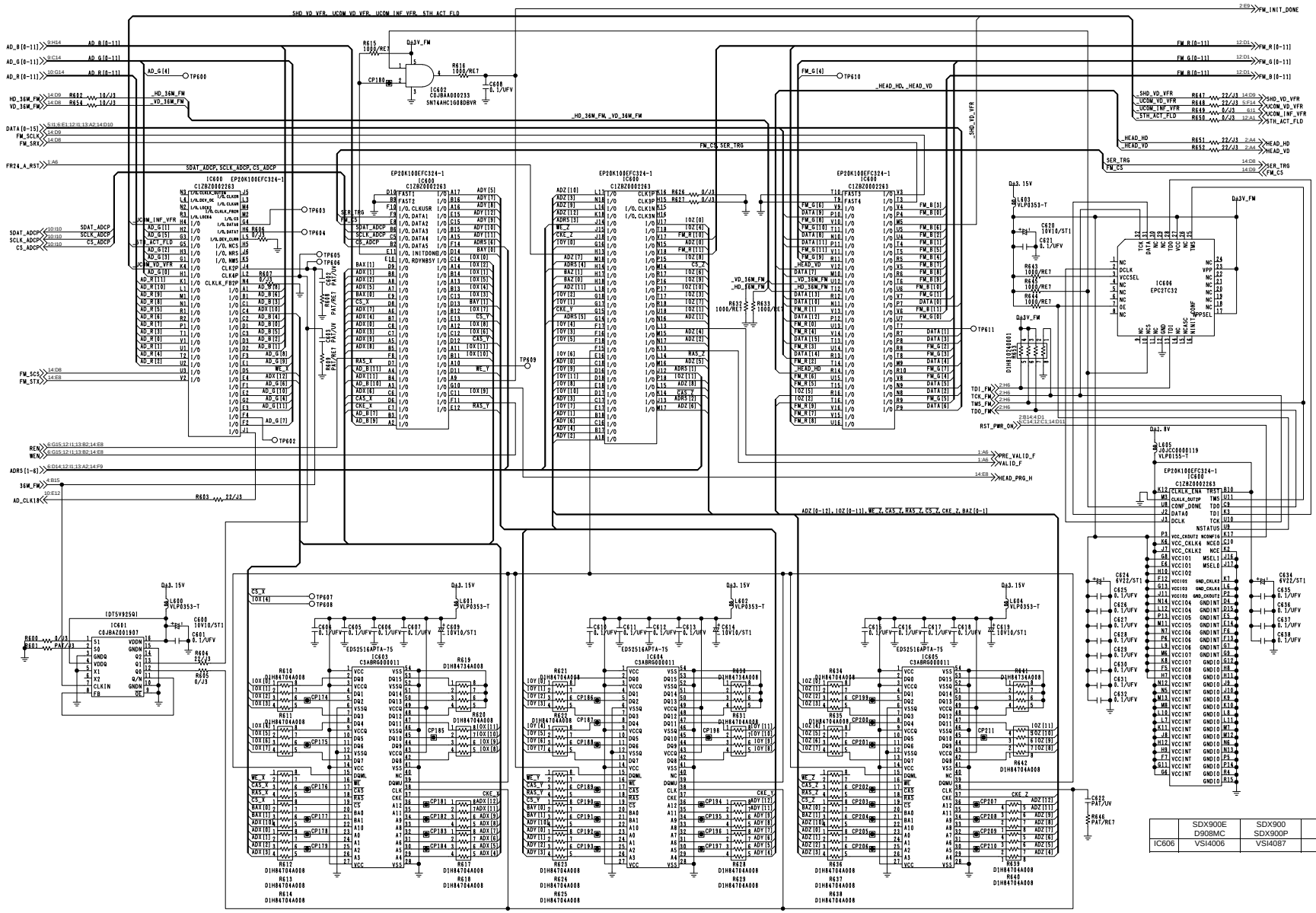
REF : 350~399

COMPONENT NAME	**CAM DSP (SHADING)**	08/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (8/16)-1 (0)
		SCM023



COMPONENT NAME	CAM DSP (ADC1)	09/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (9/16)-1 (0)
		SCM024


PAT=PATTERN ONLY
Ref No. 500~599
COMPONENT NAME
CAM DSP (ADC2)
10/16
CIRCUIT BOARD NO.
VEP23577A/B
DRAWING NO.
KR30401 (10/16)-1(0)
SCM025



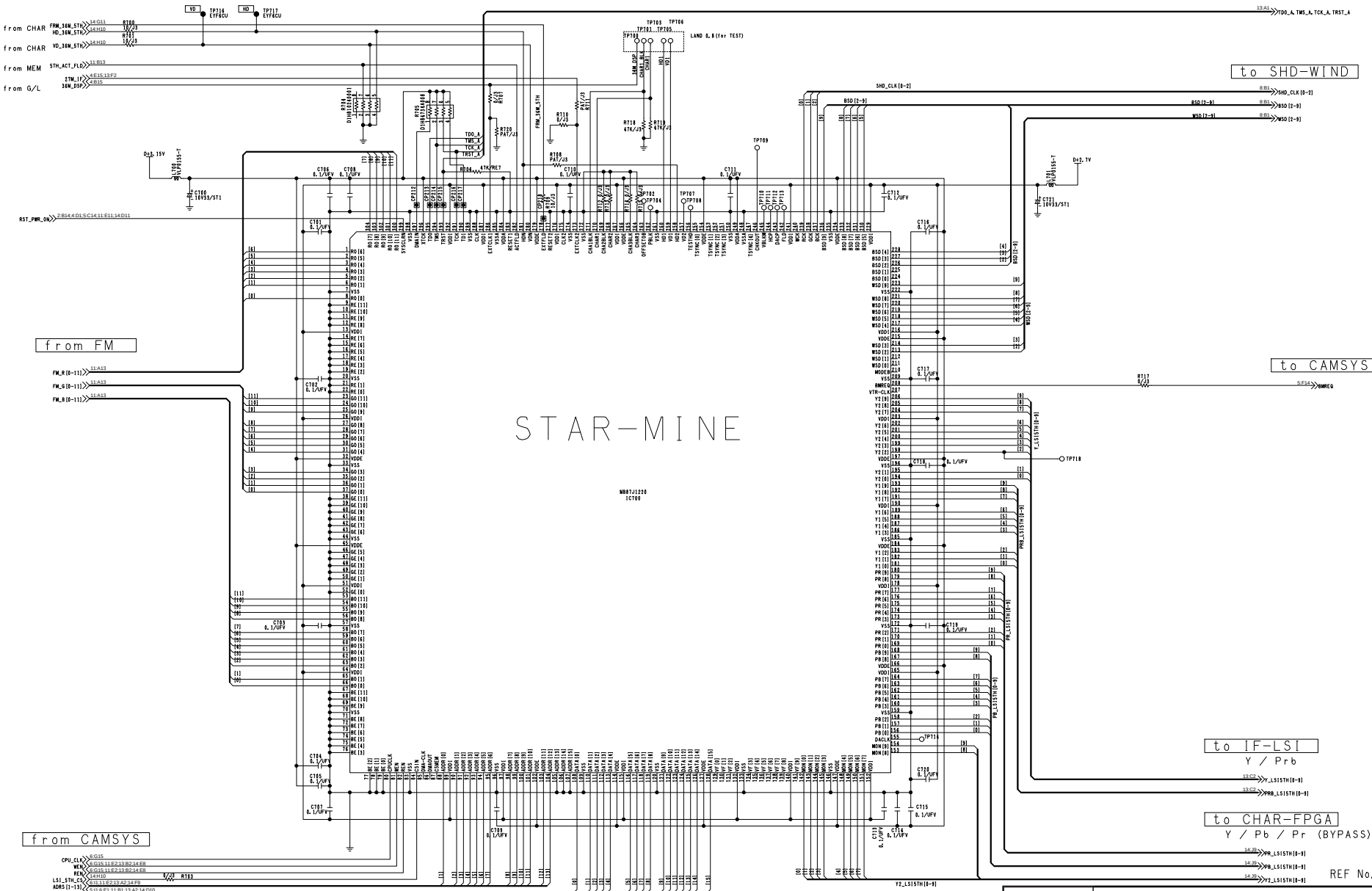
	SDX900E	SDX900	
	D908MC	SDX900P	
IC606	VSI4006	VSI4087	FM FPGA

REF No. 600~699

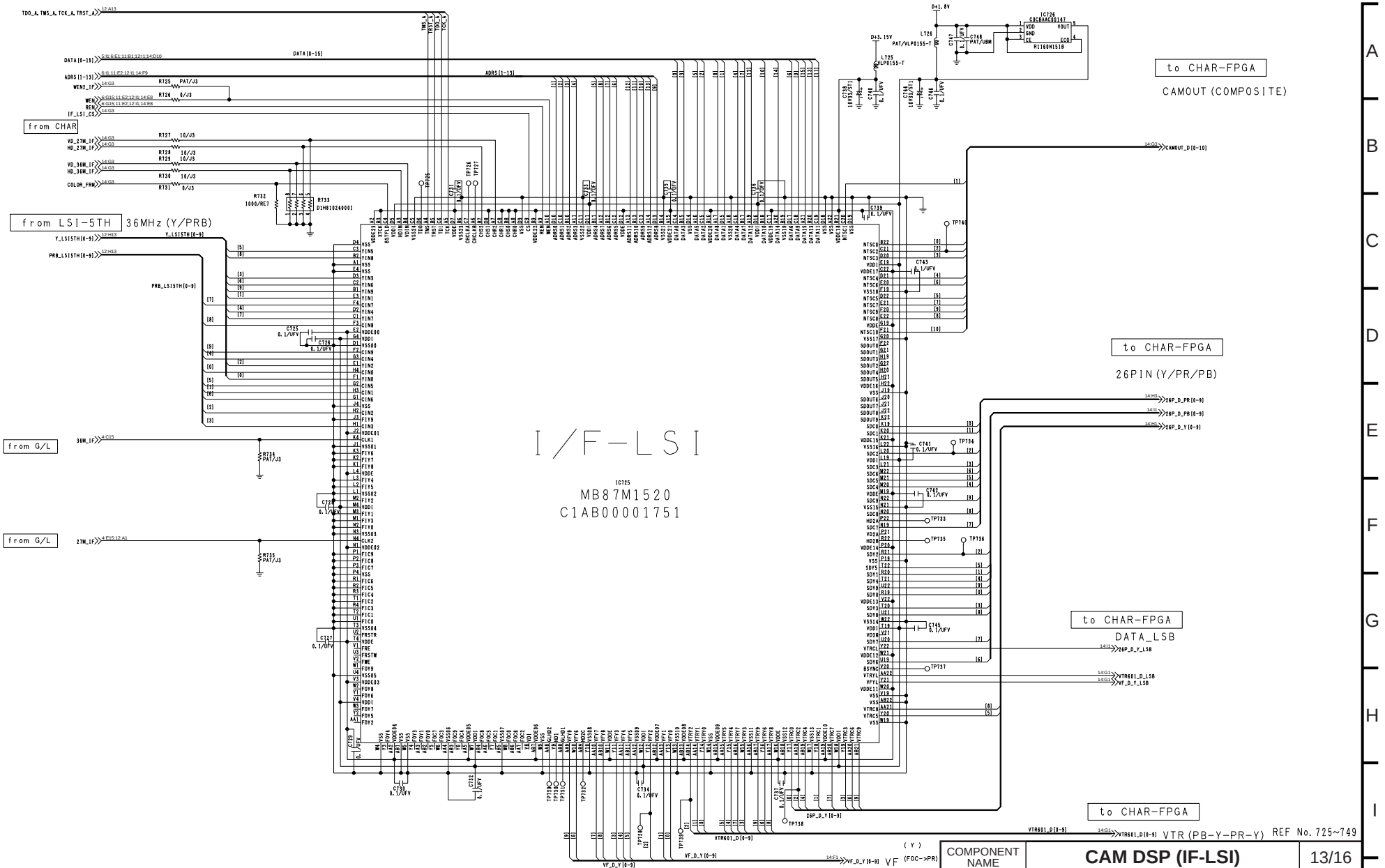
COMPONENT NAME	**CAM DSP (VFP-MEMORY)**	11/16
CIRCUIT BOARD NO.	DRAWING NO.	
VEP23577A/B	KR30401 (11/16)-1(0)	
	SCM026	

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



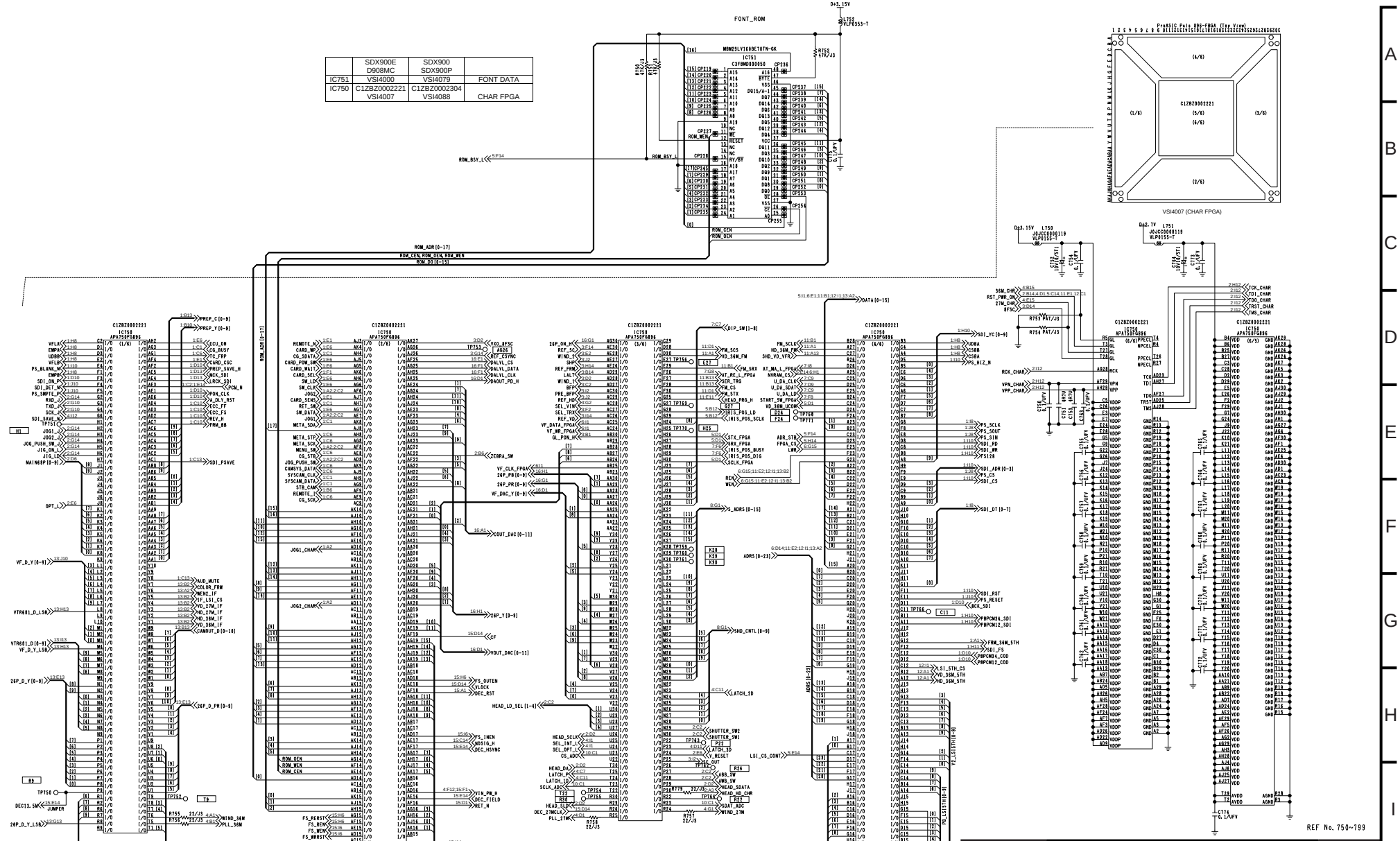
COMPONENT NAME	**CAM DSP (LSI-5th)**	12/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (12/16)-1(0)
		SCM027



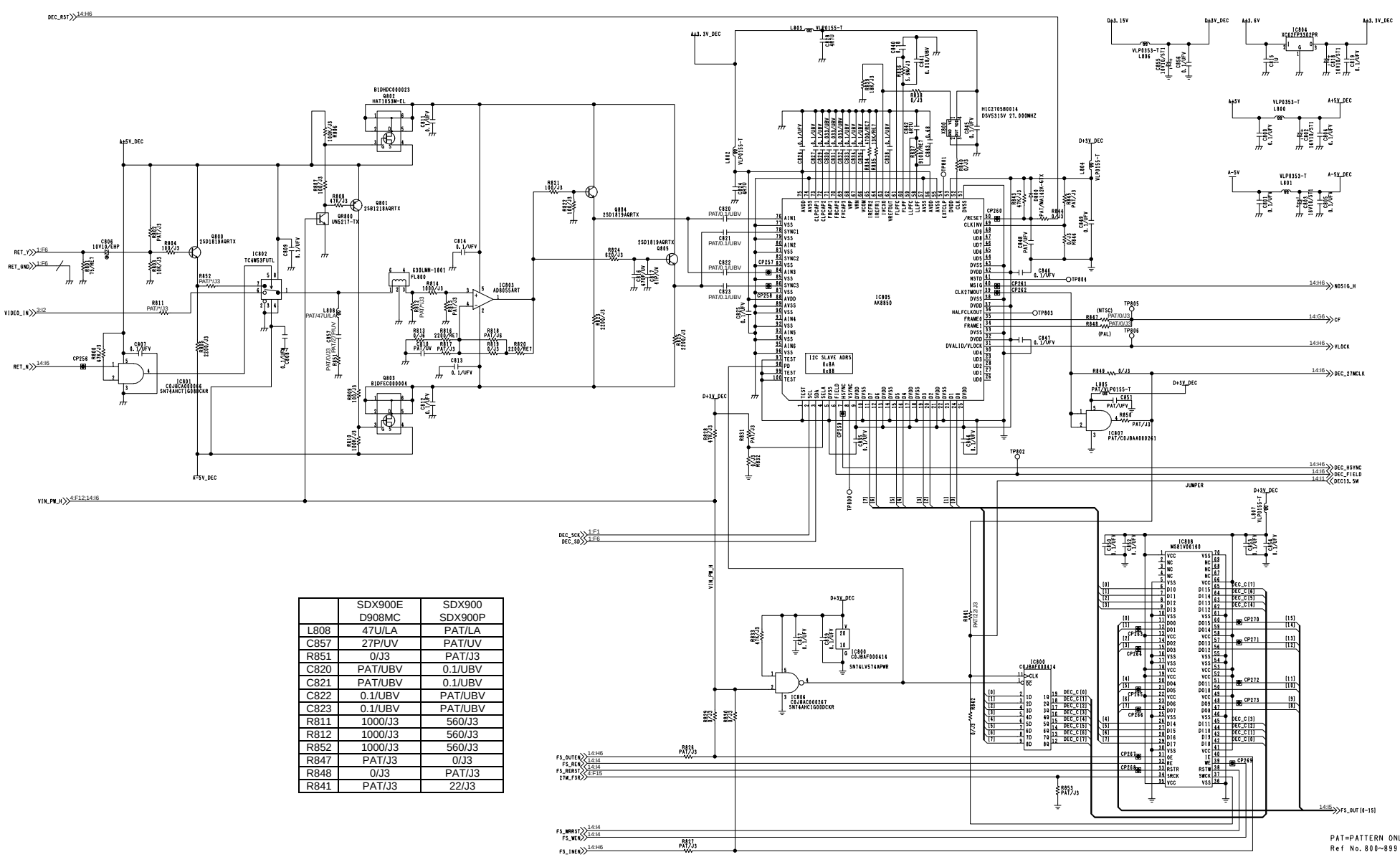
REF No. 725~749

COMPONENT NAME	CAM DSP (IF-LSI)	13/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (13/16)-1(0)
		SCM028

	SDX900E D908MC	SDX900 SDX900P	
IC751	VSI4000	VSI4079	FONT DATA
IC750	C12BZ0002221 VSI4007	C1ZBZ0002304 VSI4088	CHAR FPGA



COMPONENT NAME	**CAM DSP (CHAR-FPGA)**	14/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (14/16)-1(0)
		SCM029



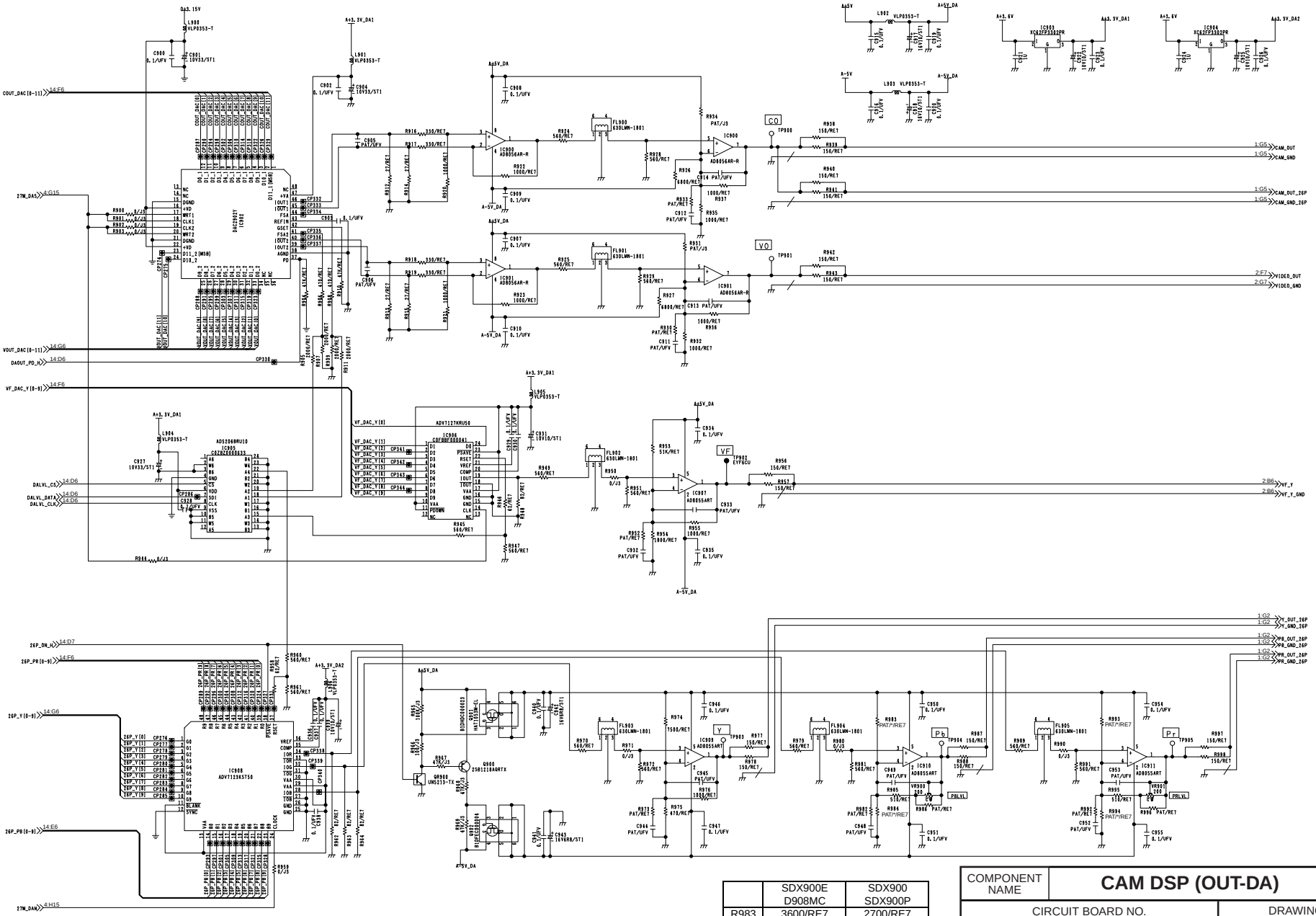
	SDX900E D908MC	SDX900 SDX900P
L808	47U/LA	PAT/LA
C857	27P/UV	PAT/UV
R851	0/J3	PAT/J3
C820	PAT/UBV	0.1/UBV
C821	PAT/UBV	0.1/UBV
C822	0.1/UBV	PAT/UBV
C823	0.1/UBV	PAT/UBV
R811	1000/J3	560/J3
R812	1000/J3	560/J3
R852	1000/J3	560/J3
R847	PAT/J3	0/J3
R848	0/J3	PAT/J3
R841	PAT/J3	22/J3

PAT=PATTERN ONLY
Ref No. 800~899

COMPONENT NAME	CAM DSP (CHAR-FPGA)	15/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (15/16)-1(0)
		SCM030

A B C D E F G H I J

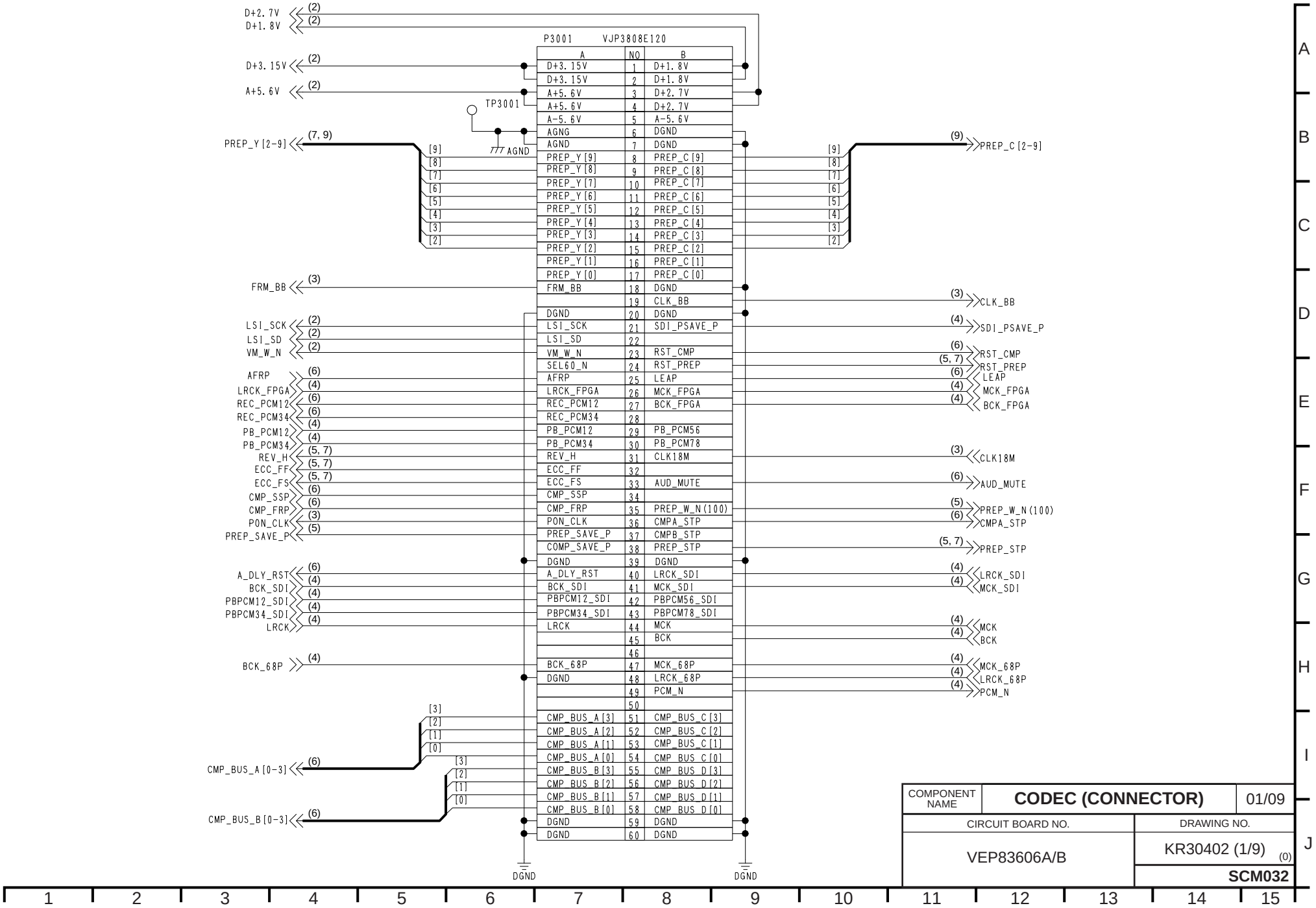
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

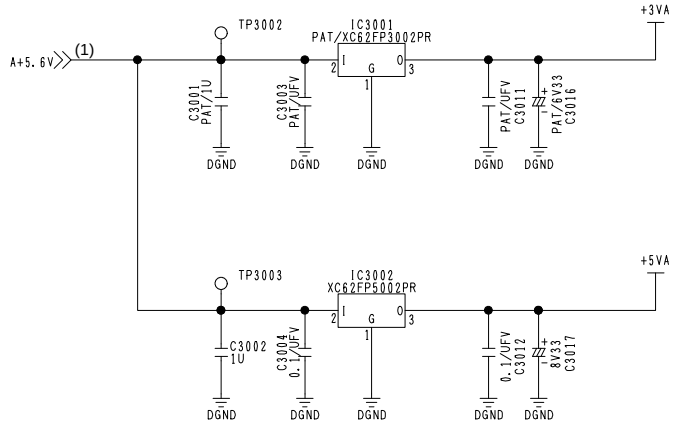


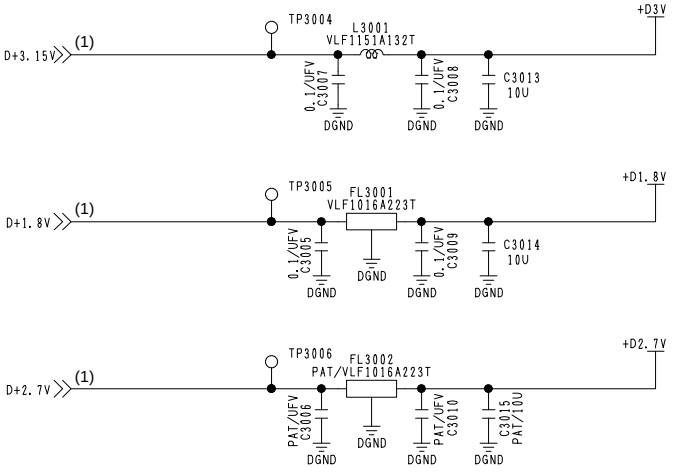
	SDX900E D908MC	SDX900 SDX900P
R983	3600/RE7	2700/RE7
R984	470/RE7	270/RE7
R993	3600/RE7	2700/RE7
R994	470/RE7	270/RE7

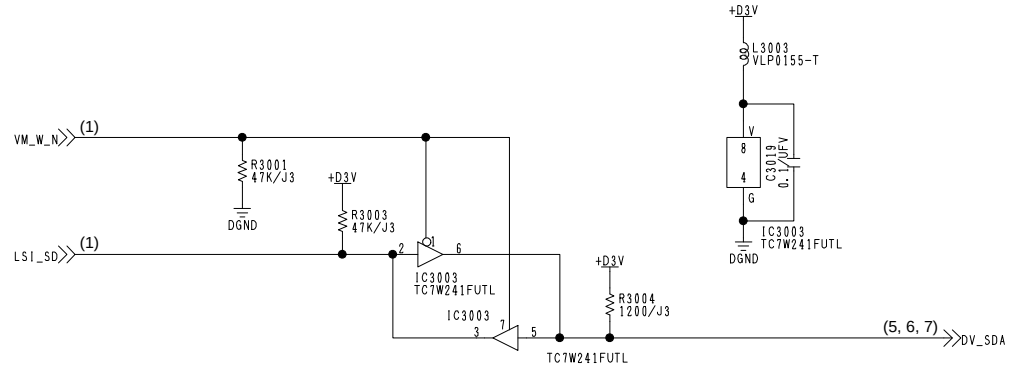
REF No. 900~999

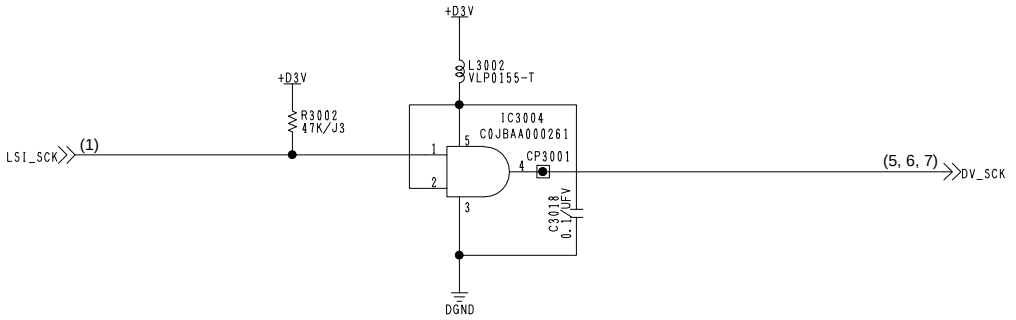
COMPONENT NAME	**CAM DSP (OUT-DA)**	16/16
CIRCUIT BOARD NO.		DRAWING NO.
VEP23577A/B		KR30401 (16/16)-1(0)
		SCM031


P3001 VJP3808E120
A NO B
D+3.15V 1 D+1.8V
D+3.15V 2 D+1.8V
A+5.6V 3 D+2.7V
A+5.6V 4 D+2.7V
A-5.6V 5 A-5.6V
AGNG 6 DGND
AGND 7 DGND
PREP_Y[9] 8 PREP_C[9]
PREP_Y[8] 9 PREP_C[8]
PREP_Y[7] 10 PREP_C[7]
PREP_Y[6] 11 PREP_C[6]
PREP_Y[5] 12 PREP_C[5]
PREP_Y[4] 13 PREP_C[4]
PREP_Y[3] 14 PREP_C[3]
PREP_Y[2] 15 PREP_C[2]
PREP_Y[1] 16 PREP_C[1]
PREP_Y[0] 17 PREP_C[0]
FRM_BB 18 DGND
19 CLK_BB
DGND 20 DGND
LSI_SCK 21 SDI_PSAVE_P
LSI_SD 22
VM_W_N 23 RST_CMP
SEL60_N 24 RST_PREP
AFRP 25 LEAP
LRCK_FPGA 26 MCK_FPGA
REC_PCM12 27 BCK_FPGA
REC_PCM34 28
PB_PCM12 29 PB_PCM56
PB_PCM34 30 PB_PCM78
REV_H 31 CLK18M
ECC_FF 32
ECC_FS 33 AUD_MUTE
CMP_SSP 34
CMP_FRP 35 PREP_W_N(100)
PON_CLK 36 CMPA_STP
PREP_SAVE_P 37 CMPB_STP
COMP_SAVE_P 38 PREP_STP
DGND 39 DGND
A_DLY_RST 40 LRCK_SDI
BCK_SDI 41 MCK_SDI
PBPCM12_SDI 42 PBPCM56_SDI
PBPCM34_SDI 43 PBPCM78_SDI
LRCK 44 MCK
45 BCK
46
BCK_68P 47 MCK_68P
DGND 48 LRCK_68P
49 PCM_N
50
CMP_BUS_A[3] 51 CMP_BUS_C[3]
CMP_BUS_A[2] 52 CMP_BUS_C[2]
CMP_BUS_A[1] 53 CMP_BUS_C[1]
CMP_BUS_A[0] 54 CMP_BUS_C[0]
CMP_BUS_B[3] 55 CMP_BUS_D[3]
CMP_BUS_B[2] 56 CMP_BUS_D[2]
CMP_BUS_B[1] 57 CMP_BUS_D[1]
CMP_BUS_B[0] 58 CMP_BUS_D[0]
DGND 59 DGND
DGND 60 DGND
TP3001
AGND
DGND
DGND
D+2.7V (2)
D+1.8V (2)
D+3.15V (2)
A+5.6V (2)
PREP_Y[2-9] (7, 9)
FRM_BB (3)
LSI_SCK (2)
LSI_SD (2)
VM_W_N (2)
AFRP (6)
LRCK_FPGA (4)
REC_PCM12 (6)
REC_PCM34 (6)
PB_PCM12 (4)
PB_PCM34 (4)
REV_H (5, 7)
ECC_FF (5, 7)
ECC_FS (5, 7)
CMP_SSP (6)
CMP_FRP (6)
PON_CLK (3)
PREP_SAVE_P (5)
A_DLY_RST (6)
BCK_SDI (4)
PBPCM12_SDI (4)
PBPCM34_SDI (4)
LRCK (4)
BCK_68P (4)
CMP_BUS_A[0-3] (6)
CMP_BUS_B[0-3] (6)
PREP_C[2-9] (9)
CLK_BB (3)
SDI_PSAVE_P (4)
RST_CMP (6)
RST_PREP (5, 7)
LEAP (6)
MCK_FPGA (4)
BCK_FPGA (4)
CLK18M (3)
AUD_MUTE (6)
PREP_W_N(100) (5)
CMPA_STP (6)
PREP_STP (5, 7)
LRCK_SDI (4)
MCK_SDI (4)
MCK (4)
BCK (4)
MCK_68P (4)
LRCK_68P (4)
PCM_N (4)
COMPONENT NAME
CODEC (CONNECTOR)
01/09
CIRCUIT BOARD NO.
VEP83606A/B
DRAWING NO.
KR30402 (1/9) (0)
SCM032
A B C D E F G H I J
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



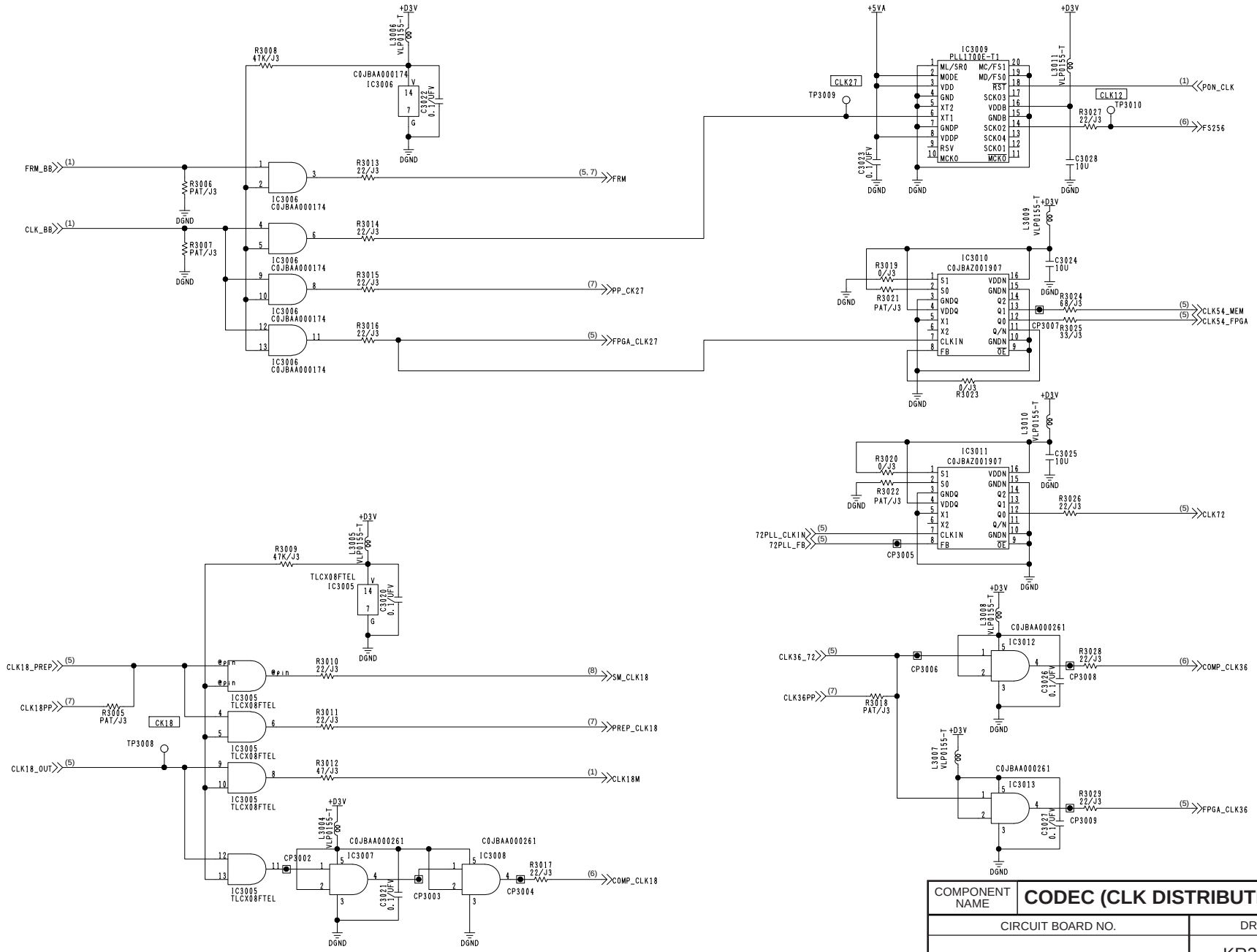




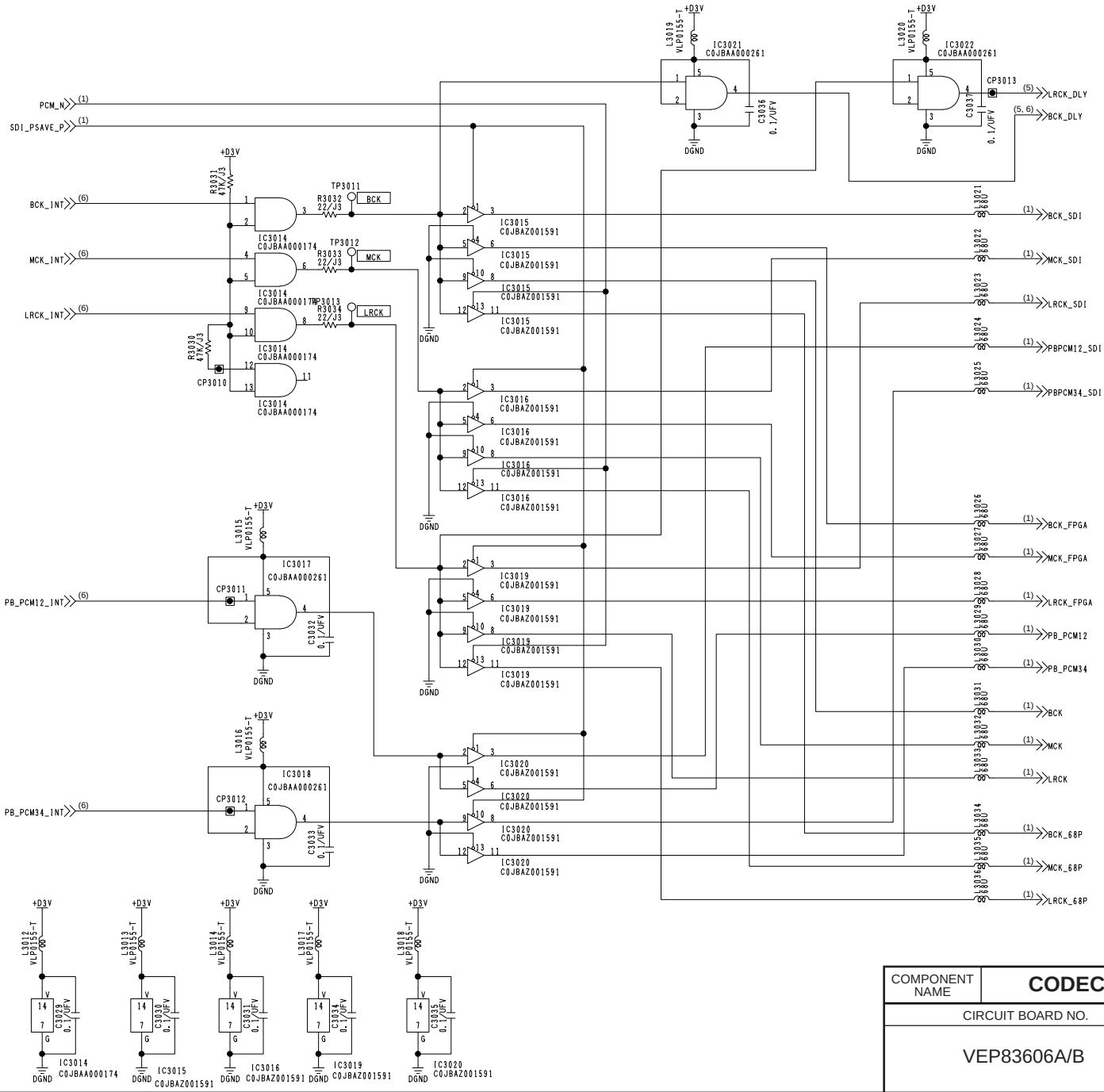




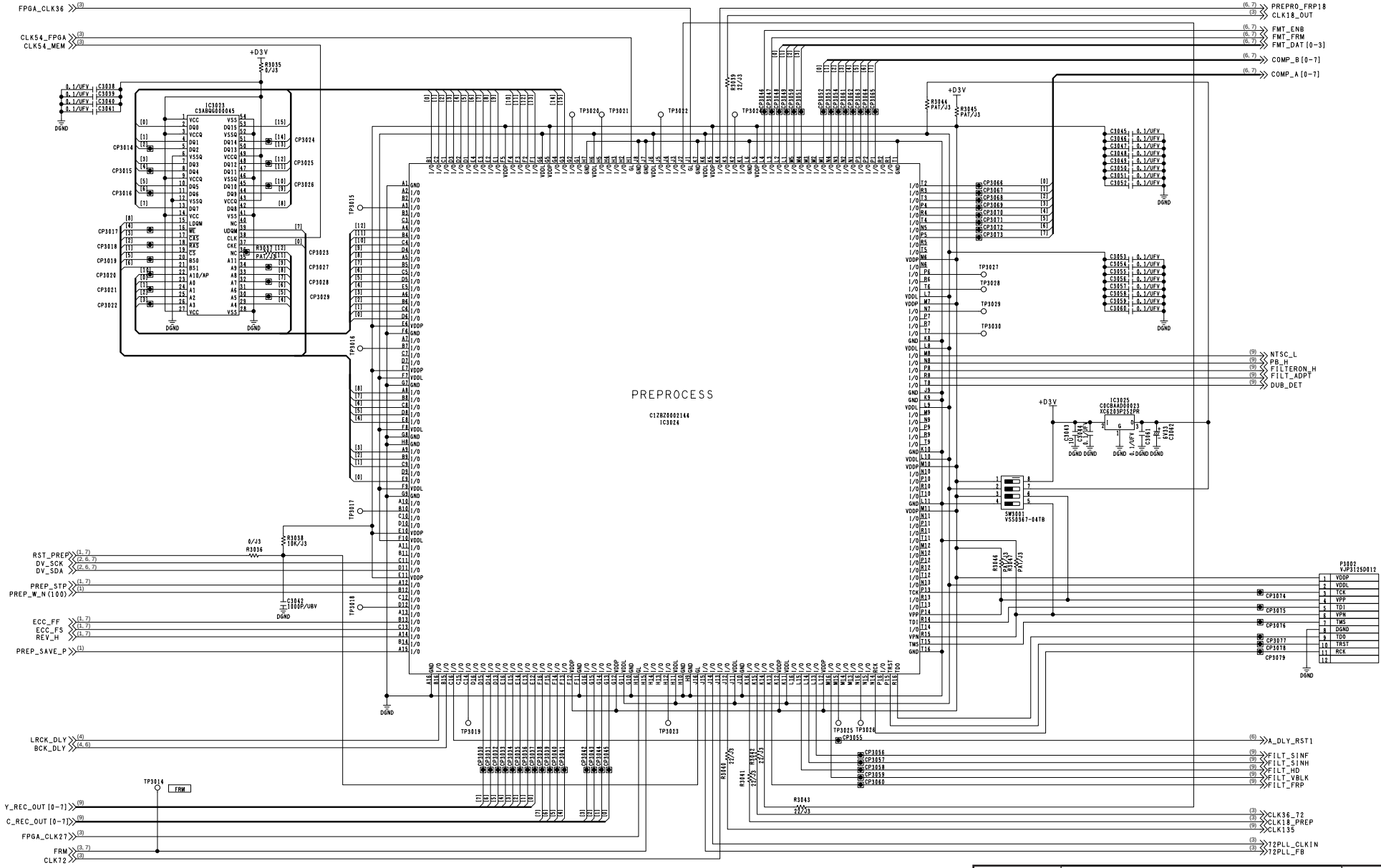
COMPONENT NAME	**CODEC (POWER)**	02/09
CIRCUIT BOARD NO.		DRAWING NO.
VEP83606A/B		KR30402 (2/9) (0)
		SCM033



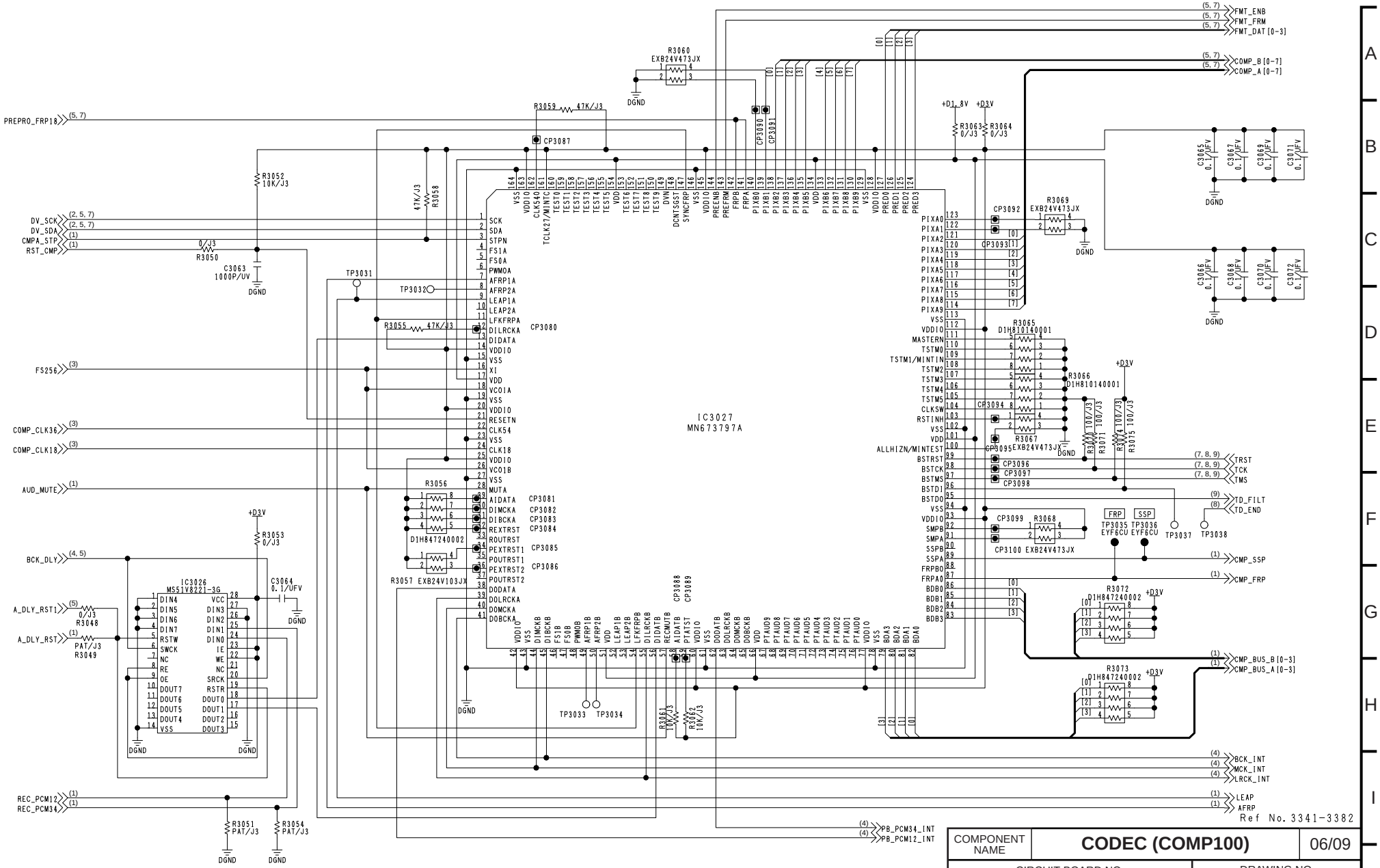
COMPONENT NAME	**CODEC (CLK DISTRIBUTION)**	03/09
CIRCUIT BOARD NO.		DRAWING NO.
VEP83606A/B		KR30402 (3/9) (0)
		SCM034



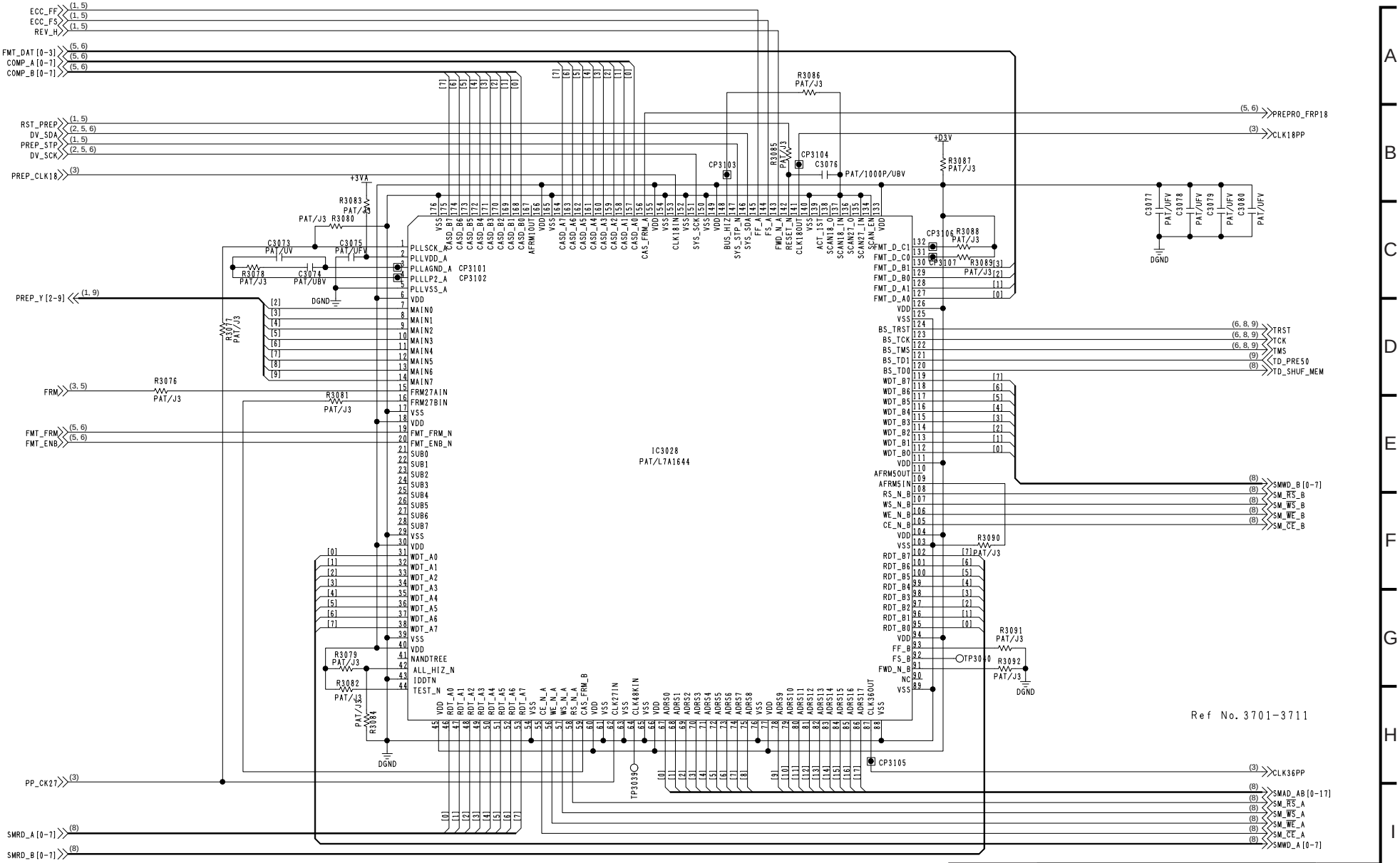
COMPONENT NAME	**CODEC (I/O BUFFER)**	04/09
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83606A/B	KR30402 (4/9) (0)	
	SCM035	



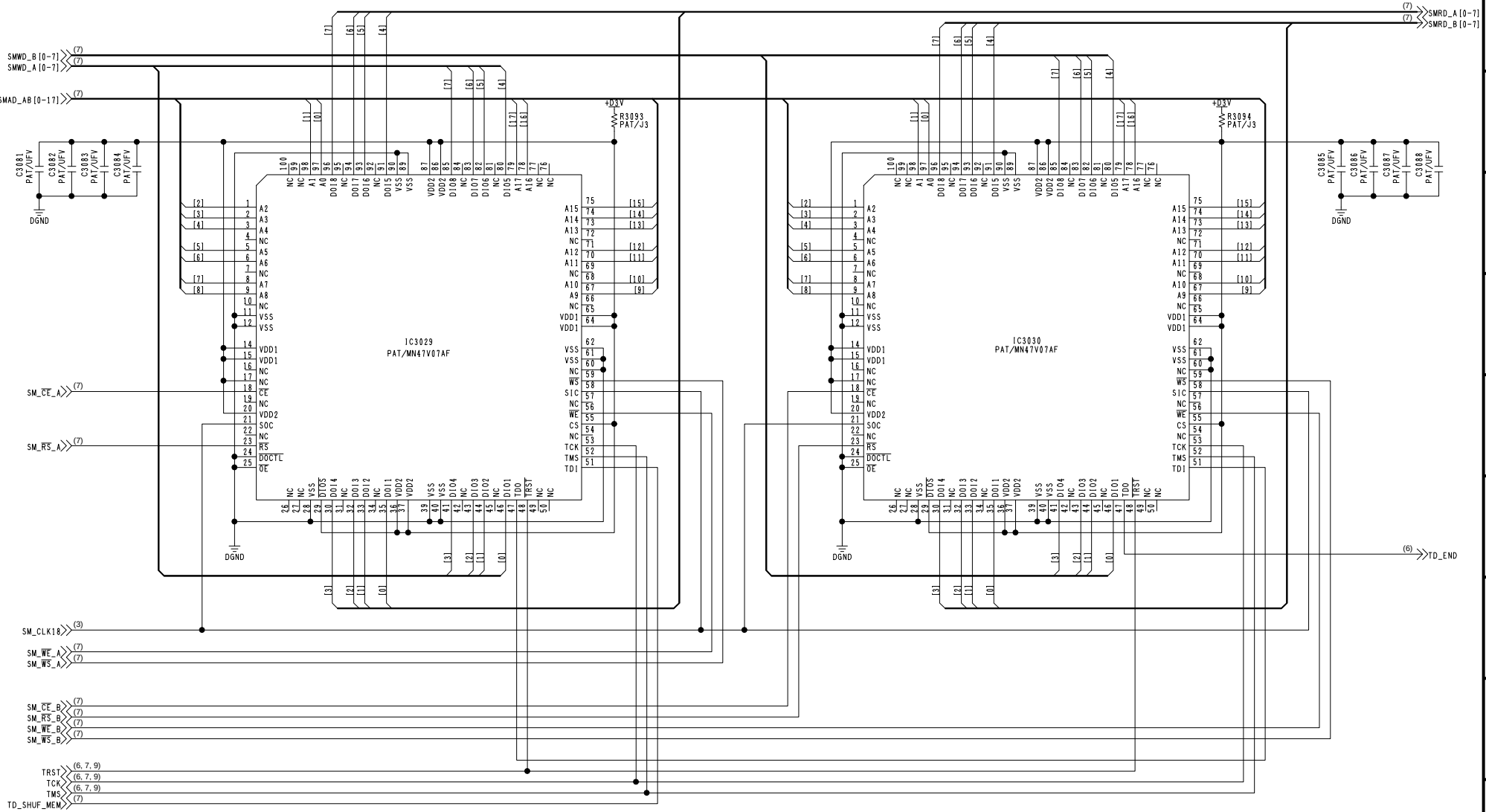
COMPONENT NAME	**CODEC (FPGA<PREPROCESS>)**	05/09
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83606A/B	KR30402 (5/9) (0)	
	SCM036	



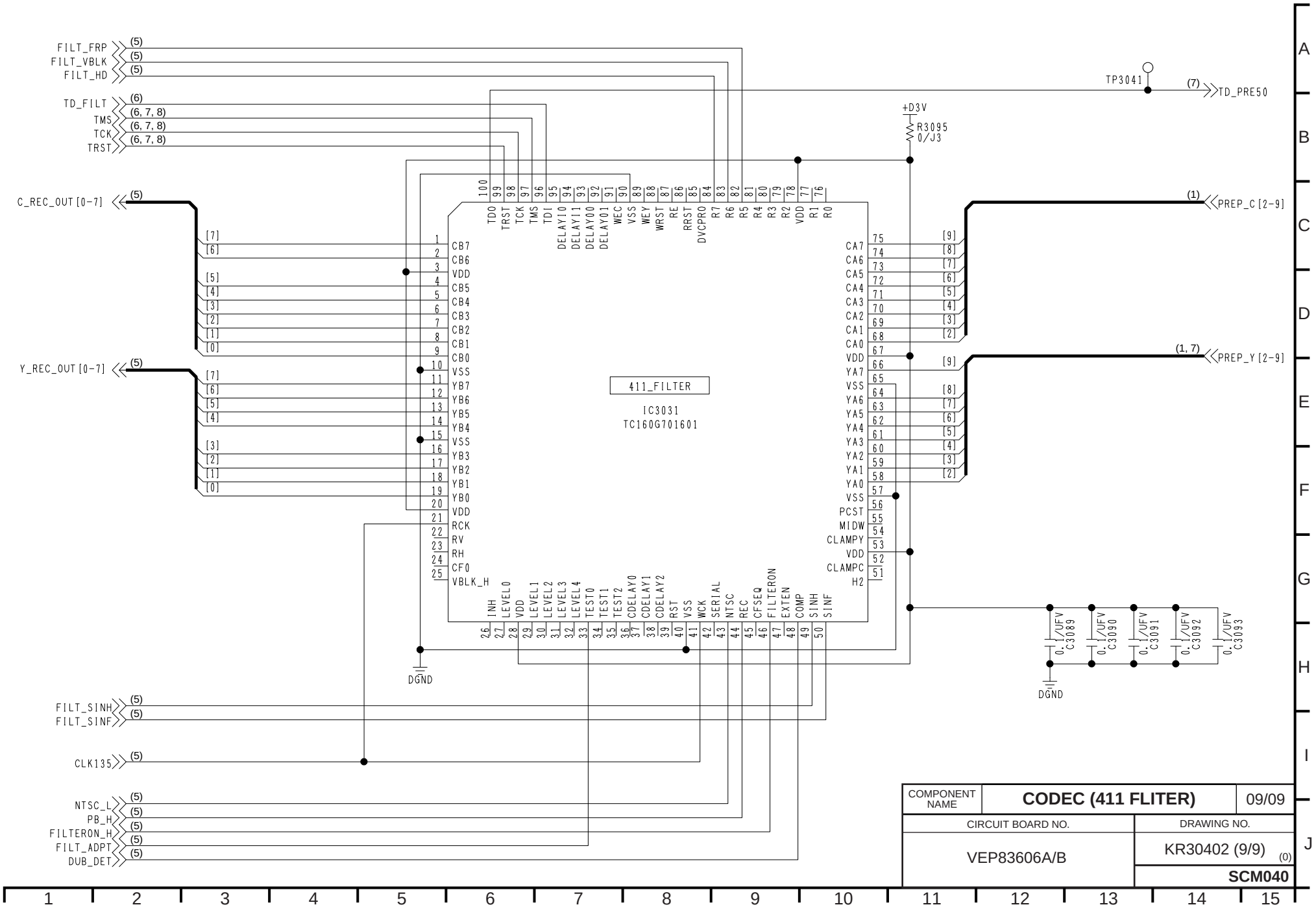
COMPONENT NAME	**CODEC (COMP100)**	06/09
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83606A/B	KR30402 (6/9) (0)	
	SCM037	

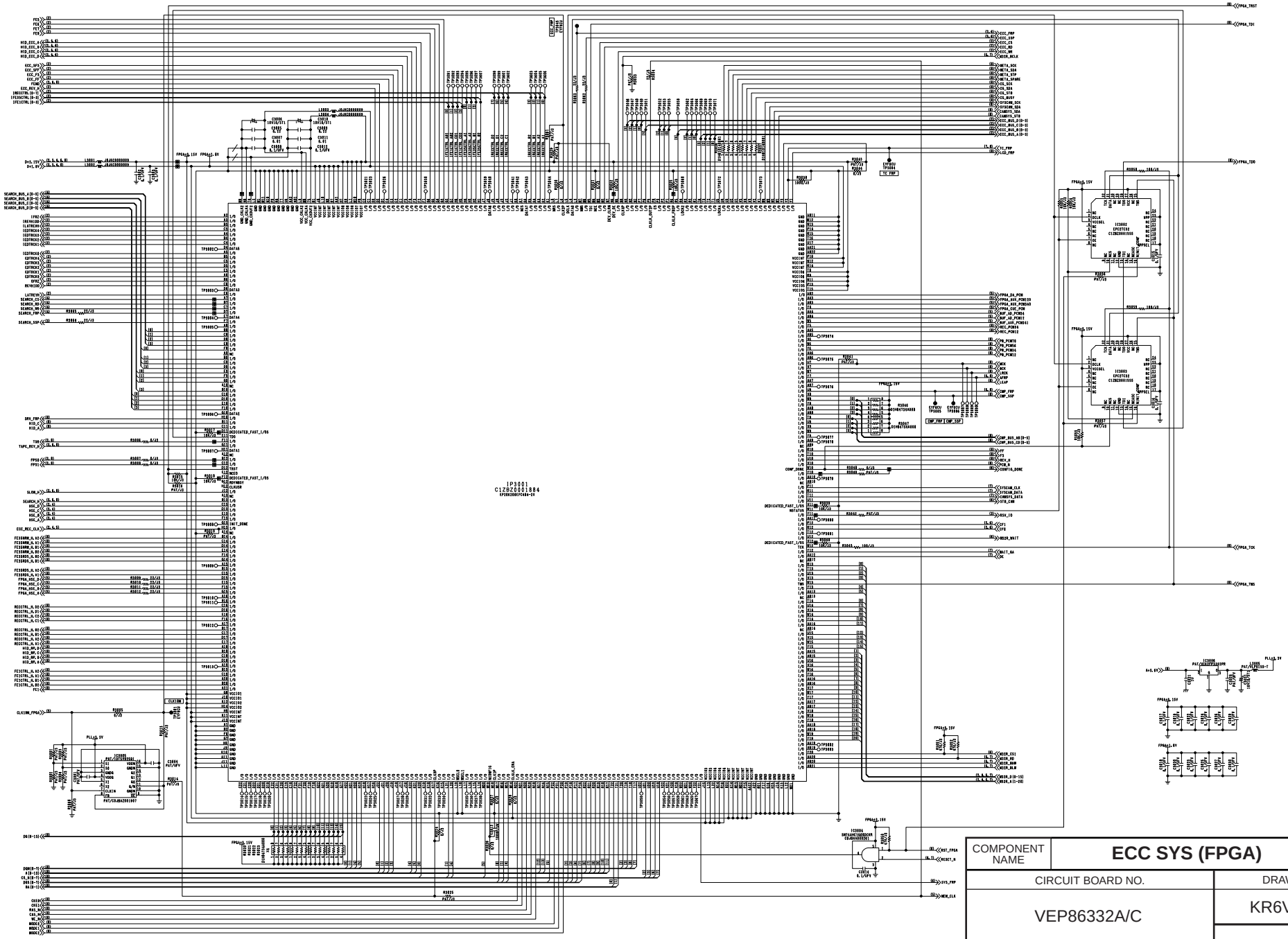


COMPONENT NAME	**CODEC (PREP50)**	07/09
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83606A/B	KR30402 (7/9) (0)	
	SCM038	



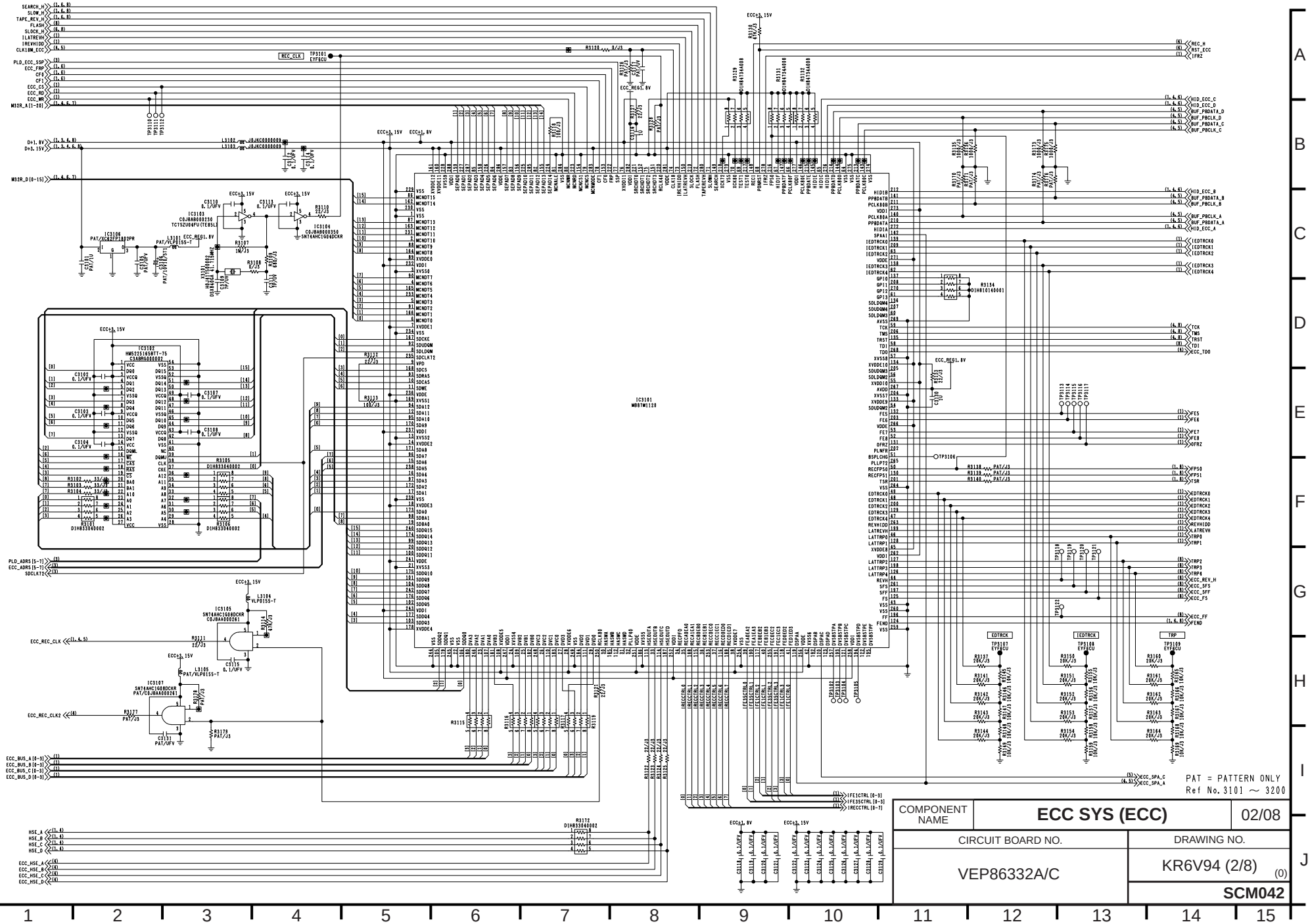
COMPONENT NAME	**CODEC (SHUF MEM)**	08/09
CIRCUIT BOARD NO.		DRAWING NO.
VEP83606A/B		KR30402 (8/9) (0)
		SCM039


FILT_FRP (5)
FILT_VBLK (5)
FILT_HD (5)
TD_FILT (6)
TMS (6, 7, 8)
TCK (6, 7, 8)
TRST (6, 7, 8)
C_REC_OUT [0-7] (5)
Y_REC_OUT [0-7] (5)
FILT_SINH (5)
FILT_SINF (5)
CLK135 (5)
NTSC_L (5)
PB_H (5)
FILTERON_H (5)
FILT_ADPT (5)
DUB_DET (5)
TP3041
TD_PRE50 (7)
+D3V
R3095 0/J3
PREP_C [2-9] (1)
PREP_Y [2-9] (1, 7)
411_FILTER
IC3031
TC160G701601
DGND
0.1/UFV C3089
0.1/UFV C3090
0.1/UFV C3091
0.1/UFV C3092
0.1/UFV C3093
COMPONENT NAME
CODEC (411 FLITER)
09/09
CIRCUIT BOARD NO.
VEP83606A/B
DRAWING NO.
KR30402 (9/9) (0)
SCM040



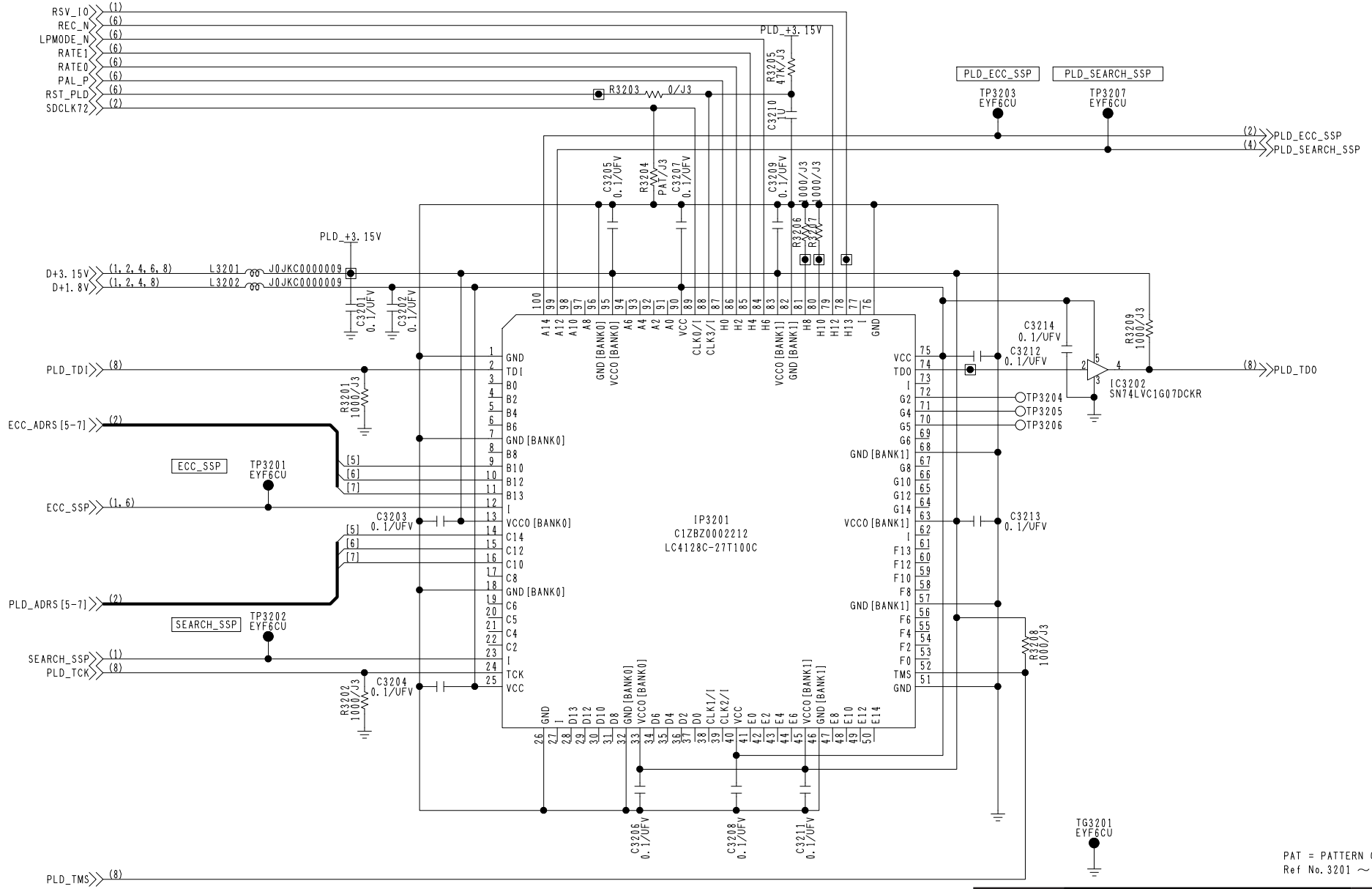
PAT = PATTERN ONLY
Ref No. 3001 ~ 3100

COMPONENT NAME	**ECC SYS (FPGA)**	01/08
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86332A/C	KR6V94 (1/8) (0)	
	SCM041	

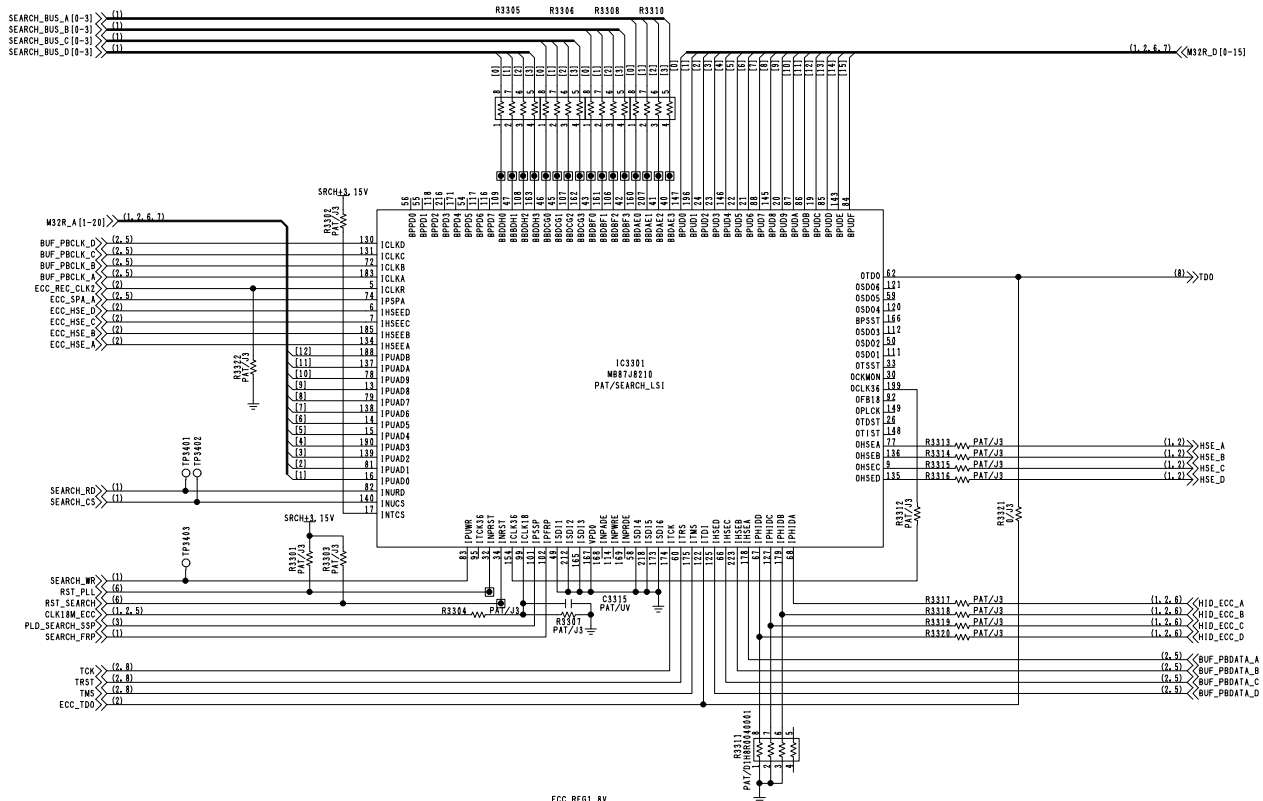


PAT = PATTERN ONLY
Ref No. 3101 ~ 3200

COMPONENT NAME	**ECC SYS (ECC)**	02/08
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86332A/C	KR6V94 (2/8) (0)	
	SCM042	

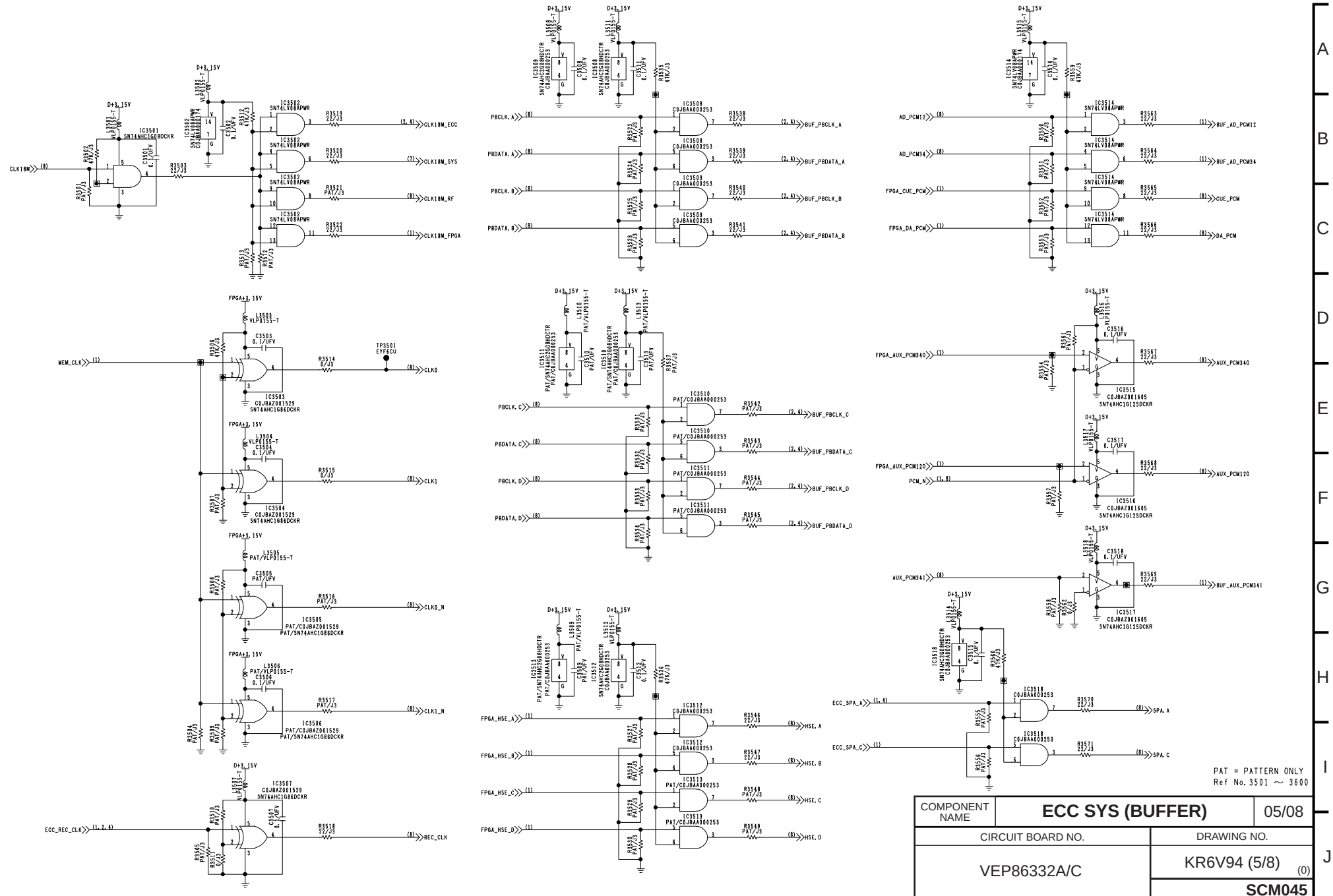


COMPONENT NAME	ECC SYS (ECC PLD)	03/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP86332A/C		KR6V94 (3/8) (0)
		SCM043

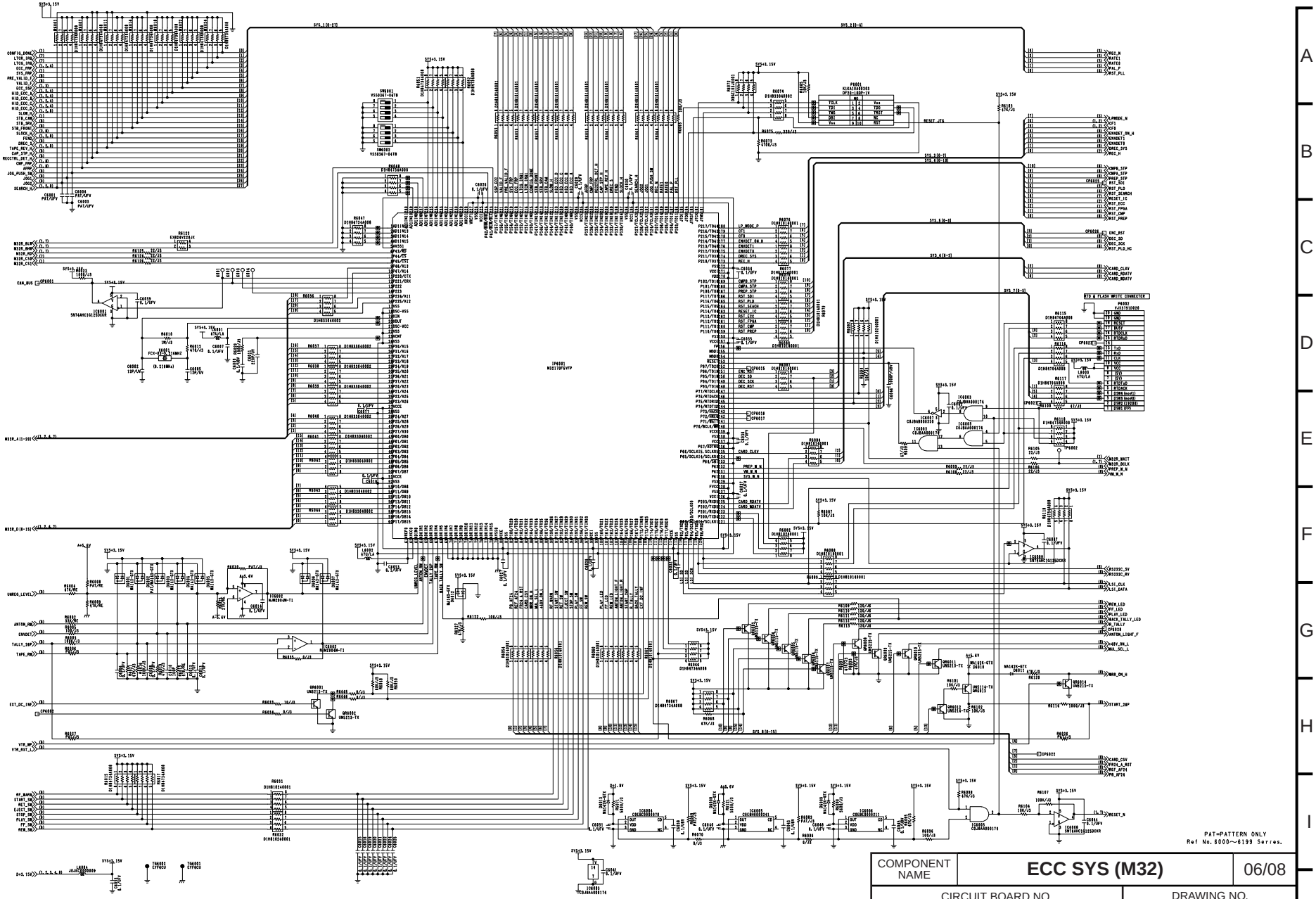


PAT = PATTERN ONLY
Ref No. 3401 ～ 3500

COMPONENT NAME	ECC SYS (SEARCH)	04/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP86332A/C		KR6V94 (4/8) (0)
		SCM044

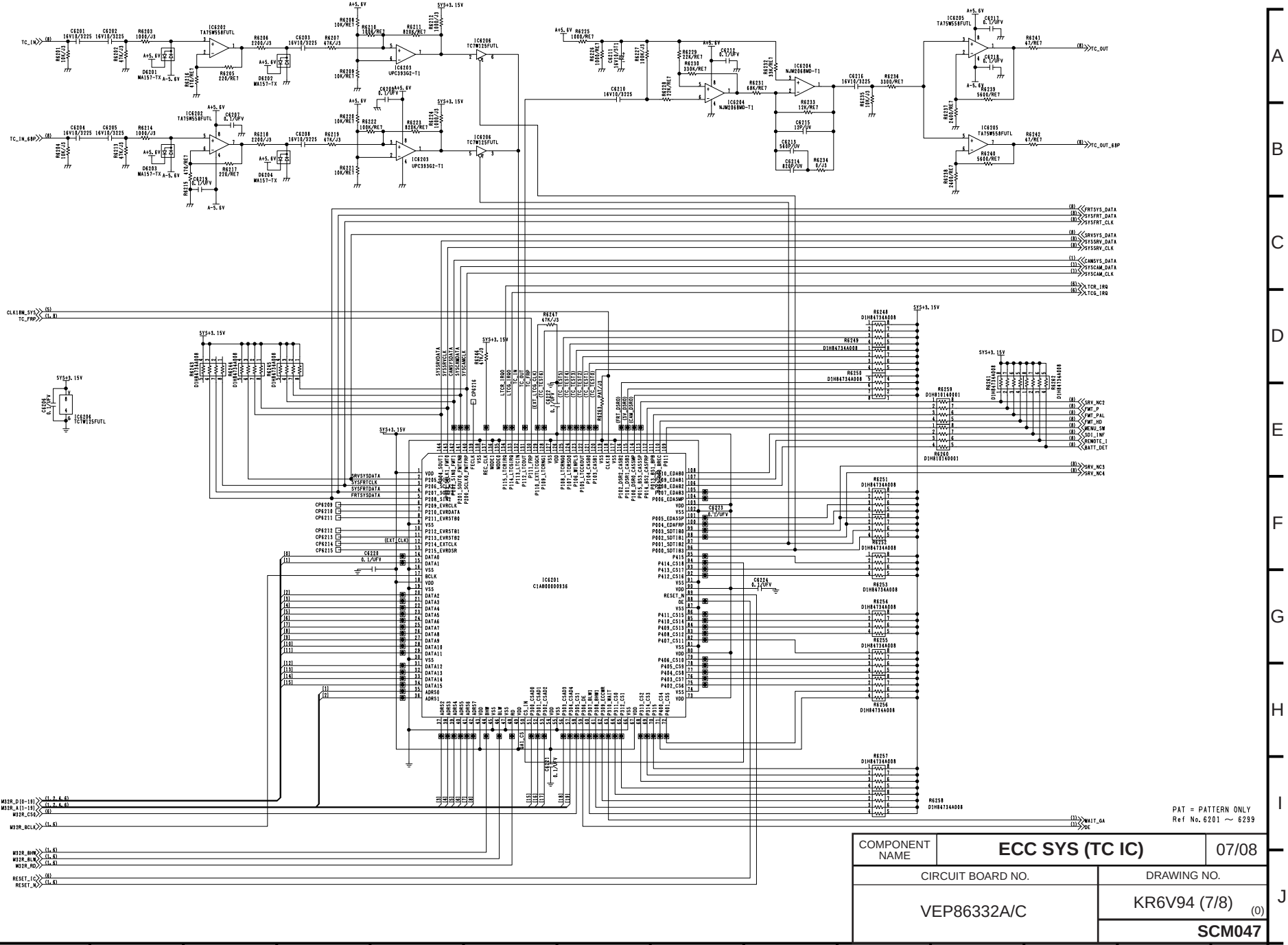


COMPONENT NAME	**ECC SYS (BUFFER)**	05/08
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86332A/C	KR6V94 (5/8) (0)	
	SCM045	



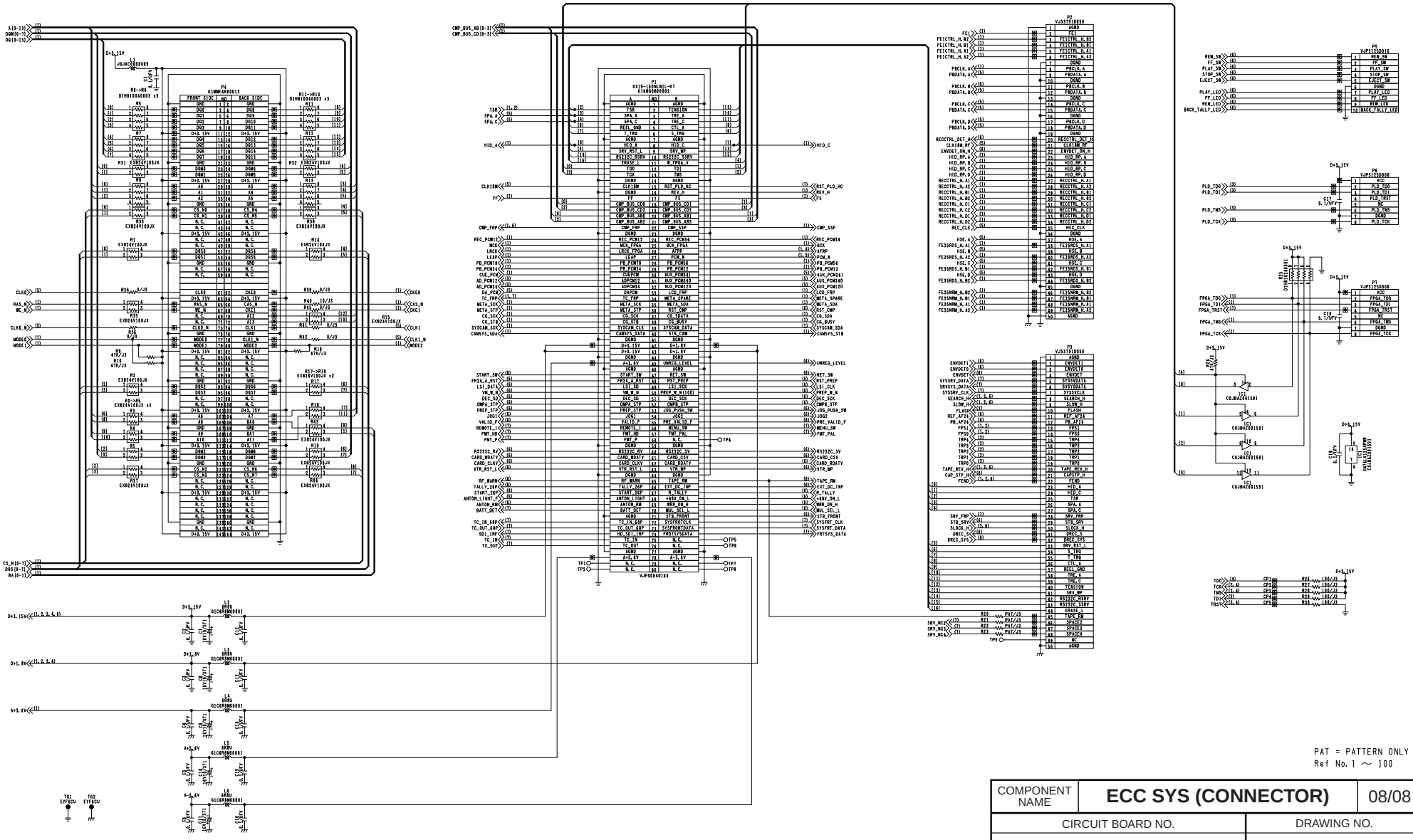
PAT=PATTERN ONLY
Ref No. 6000~6199 Series.

COMPONENT NAME	ECC SYS (M32)	06/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP86332A/C		KR6V94 (6/8) (0)
		SCM046



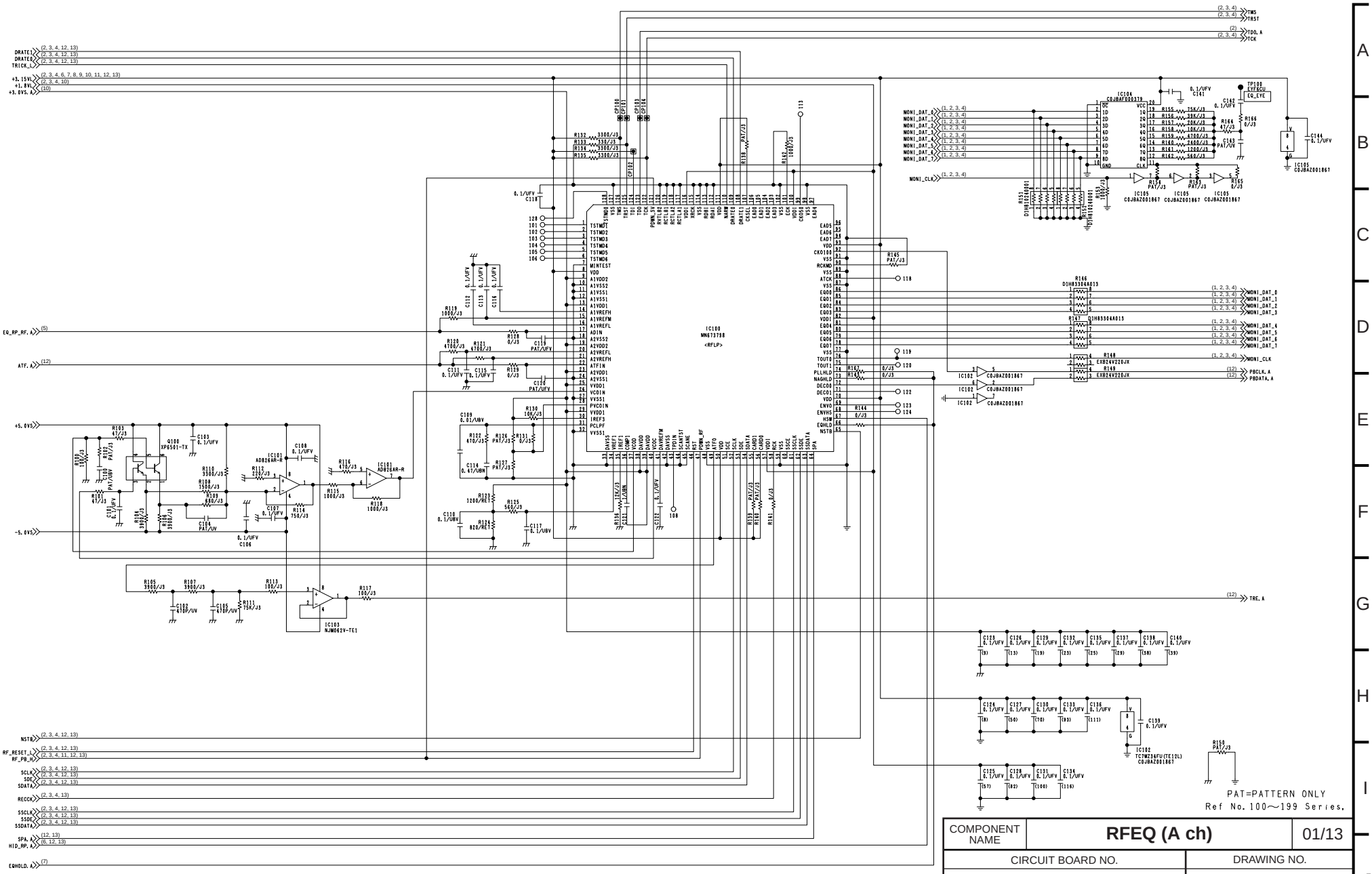
PAT = PATTERN ONLY
Ref No. 6201 ~ 6299

COMPONENT NAME	**ECC SYS (TC IC)**	07/08
CIRCUIT BOARD NO.		DRAWING NO.
VEP86332A/C		KR6V94 (7/8) (0)
		SCM047

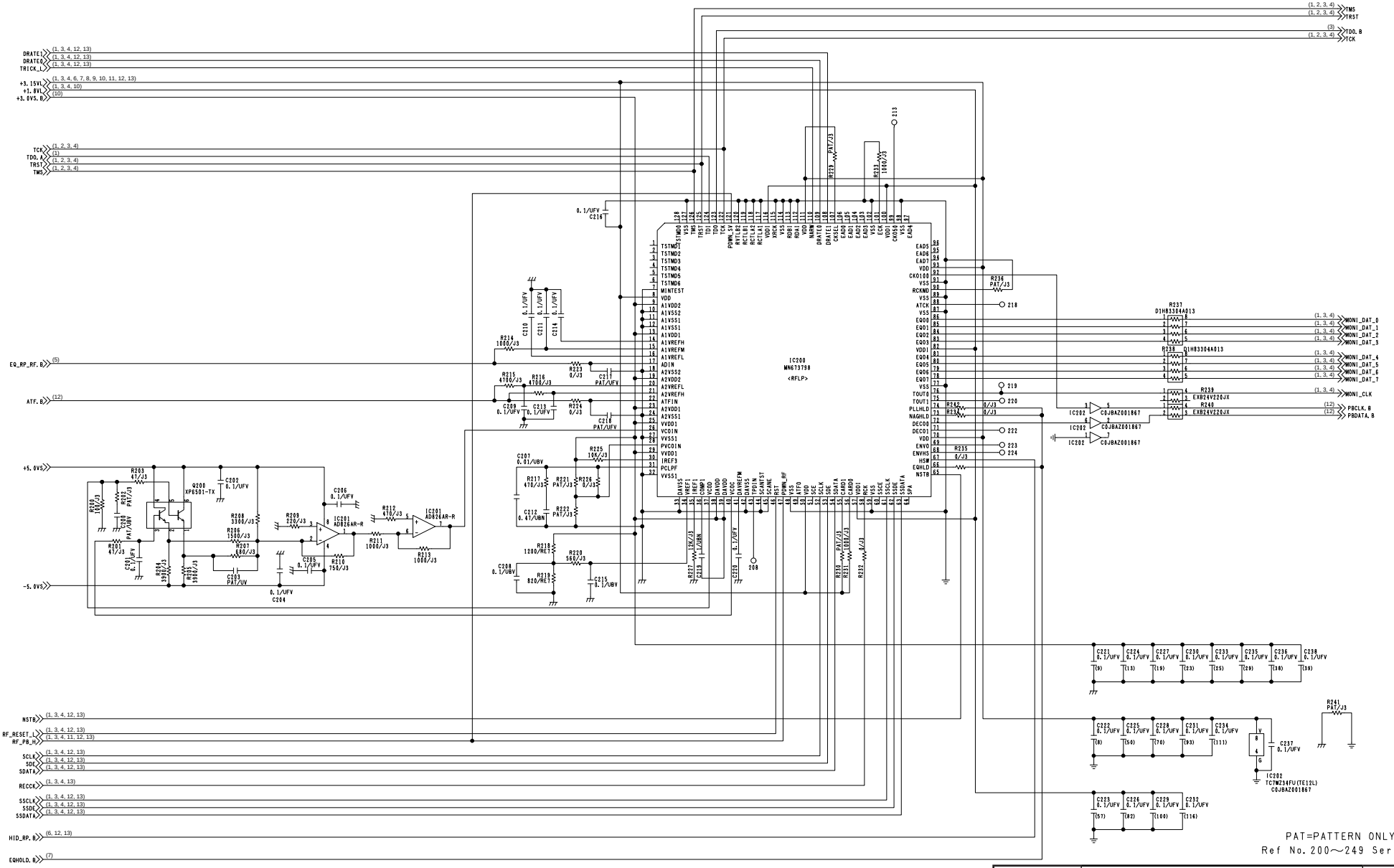


PAT = PATTERN ONLY
Ref No.1 ～ 100

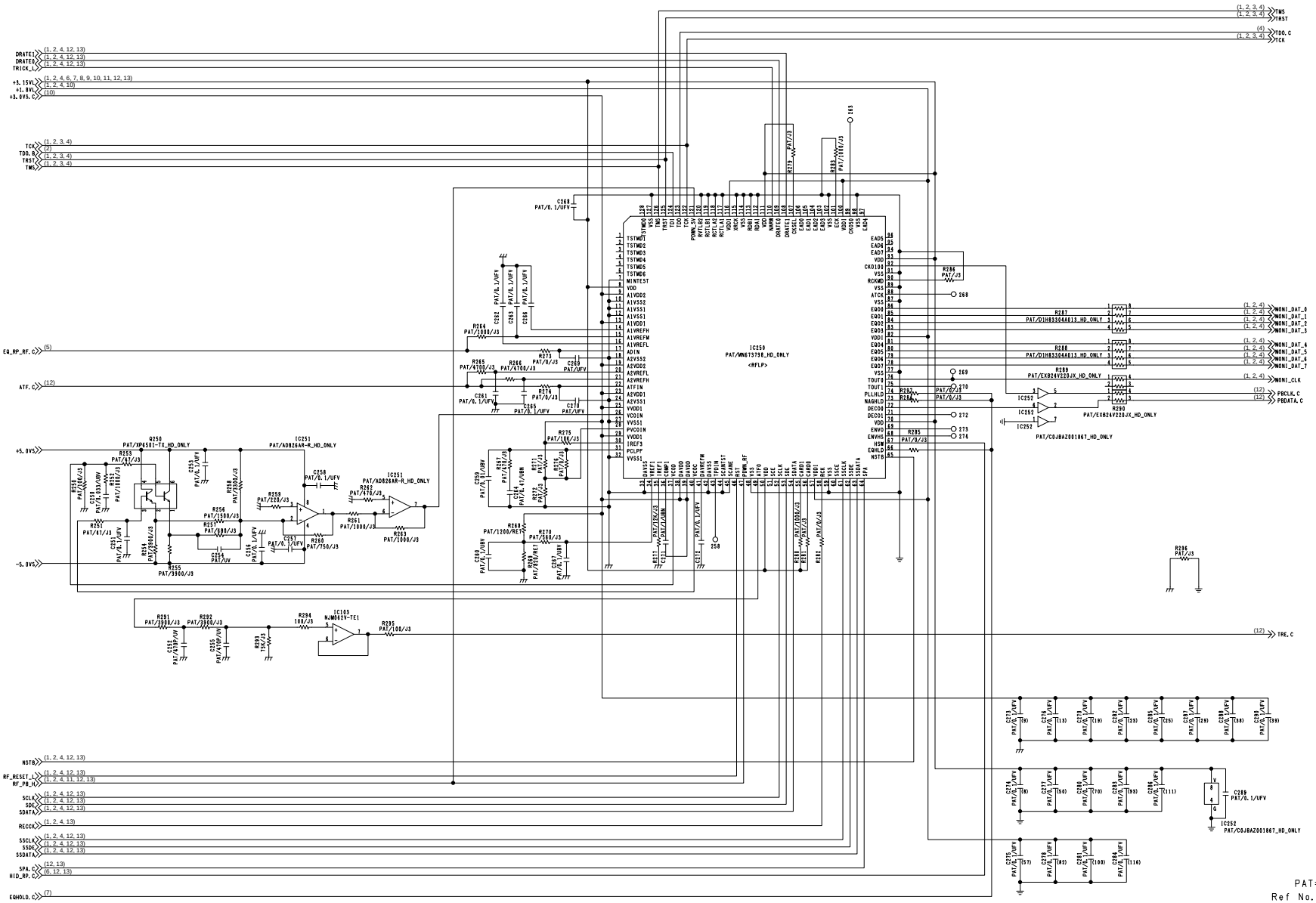
COMPONENT NAME	**ECC SYS (CONNECTOR)**	08/08
CIRCUIT BOARD NO.	DRAWING NO.	
VEP86332A/C	KR6V94 (8/8) (0)	
	SCM048	



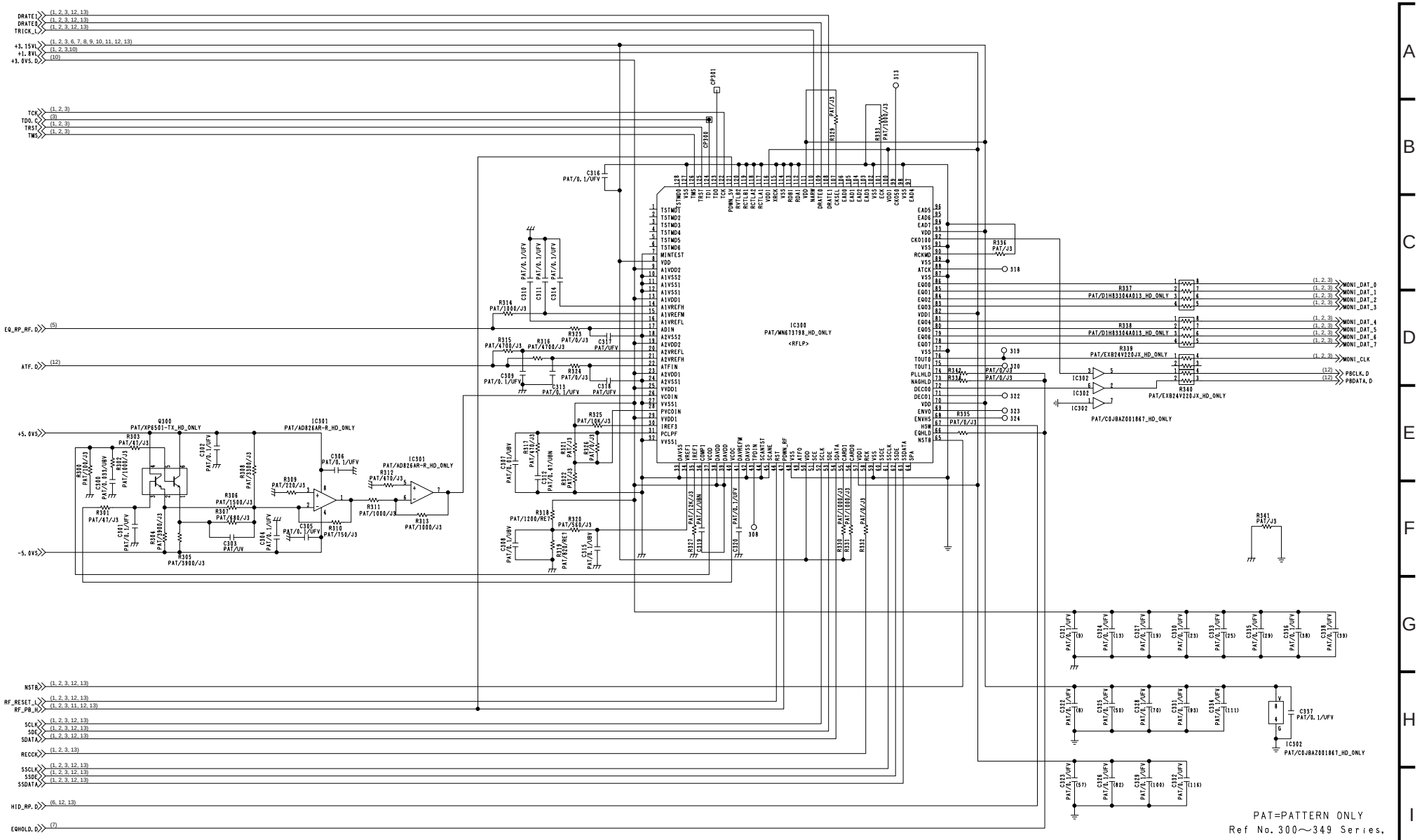
COMPONENT NAME	**RFEQ (A ch)**	01/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85211A	KR5618 (1/13) (0)	
	SCM049	



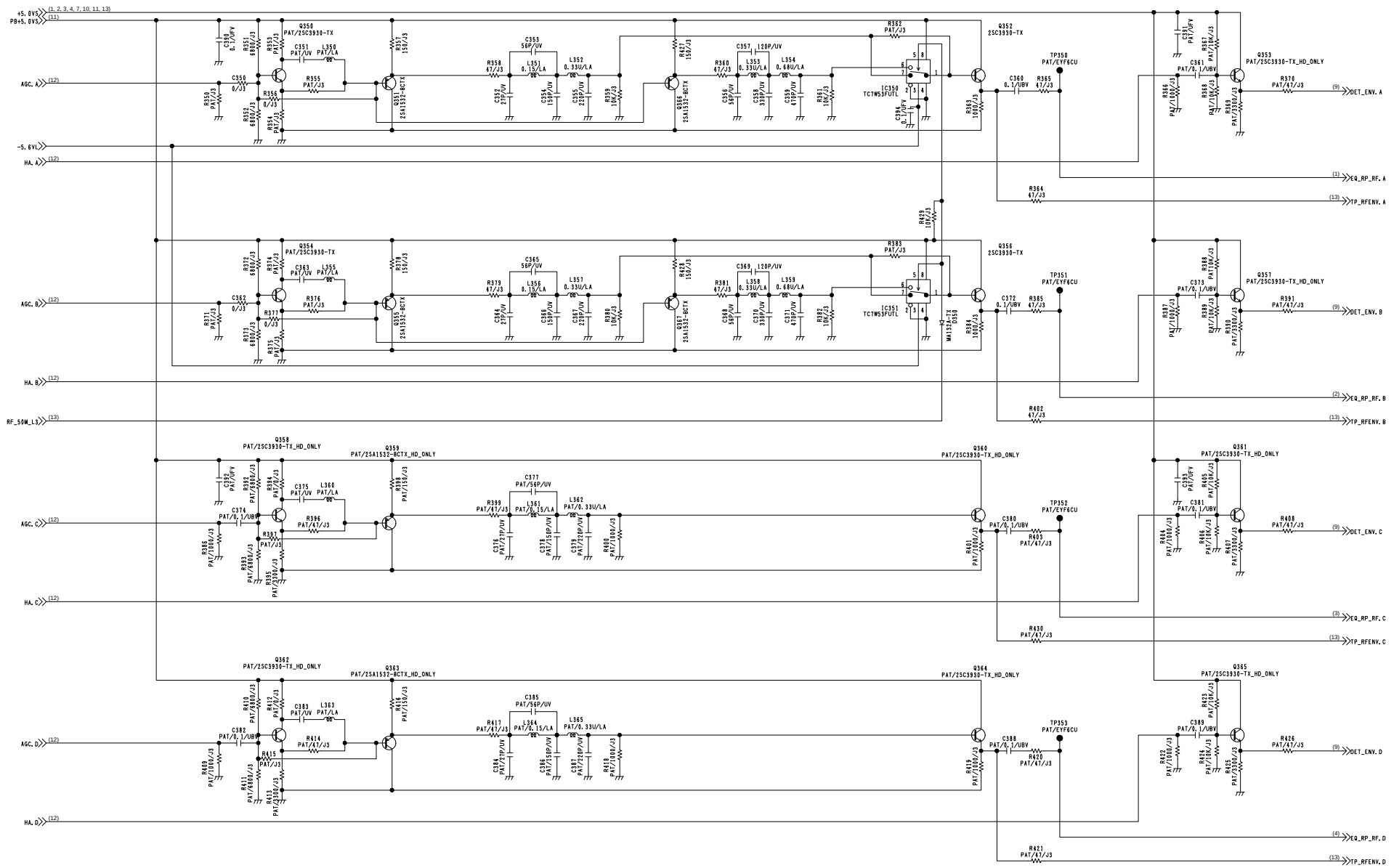
COMPONENT NAME	**RFEQ (B ch)**	02/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85211A	KR5618 (2/13) (0)	
	SCM050	



COMPONENT NAME	**RFEQ (C ch)**	03/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85211A	KR5618 (3/13) (0)	
	SCM051	

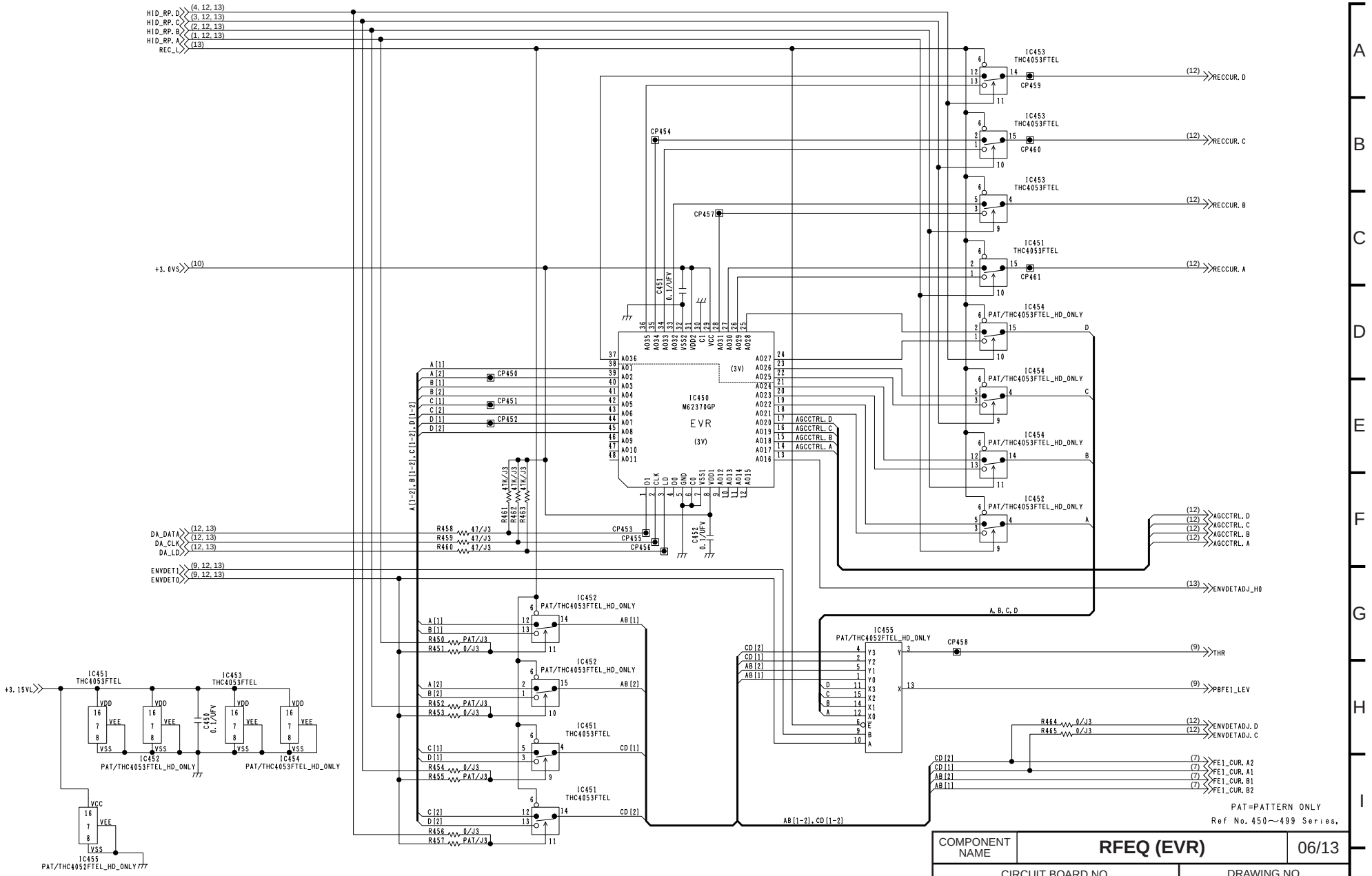


COMPONENT NAME	**RFEQ (D ch)**	04/13
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85211A	KR5618 (4/13) (0)	
	SCM052	

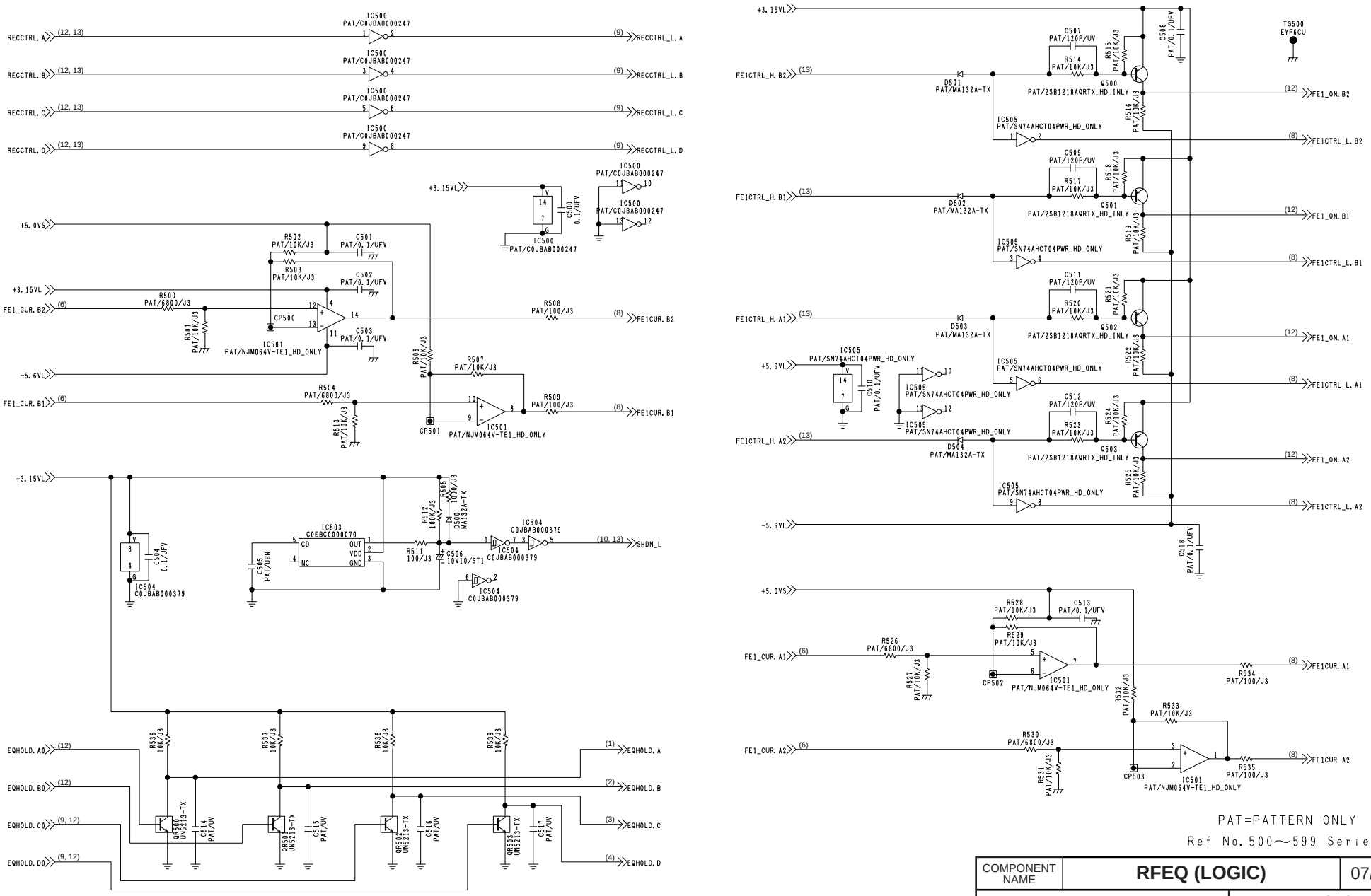


PAT=PATTERN ONLY
Ref No. 350～449 Series.

COMPONENT NAME	**RFEQ (PB)**	05/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (5/13) (0)
		SCM053



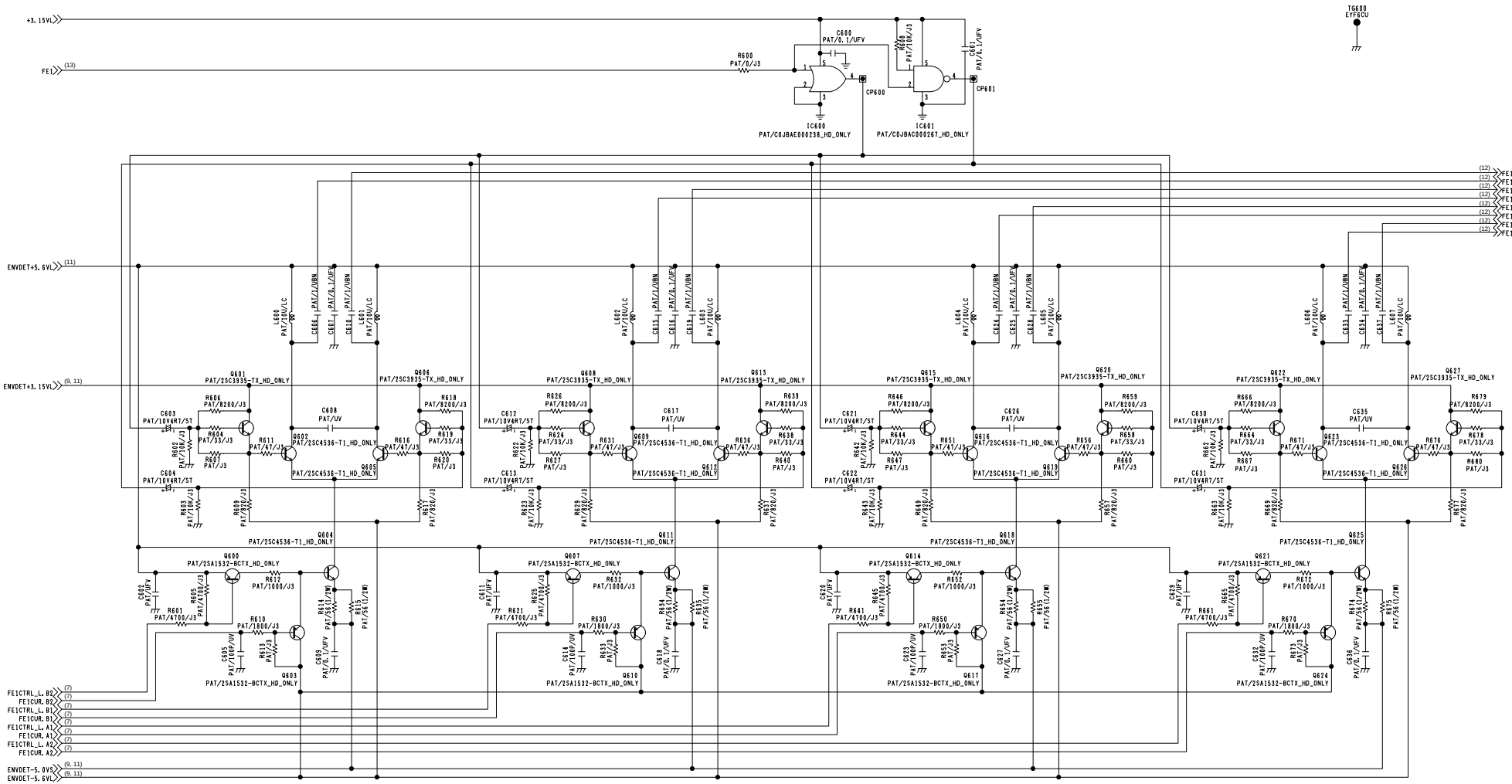
COMPONENT NAME	RFEQ (EVR)	06/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (6/13) (0)
		SCM054



PAT=PATTERN ONLY

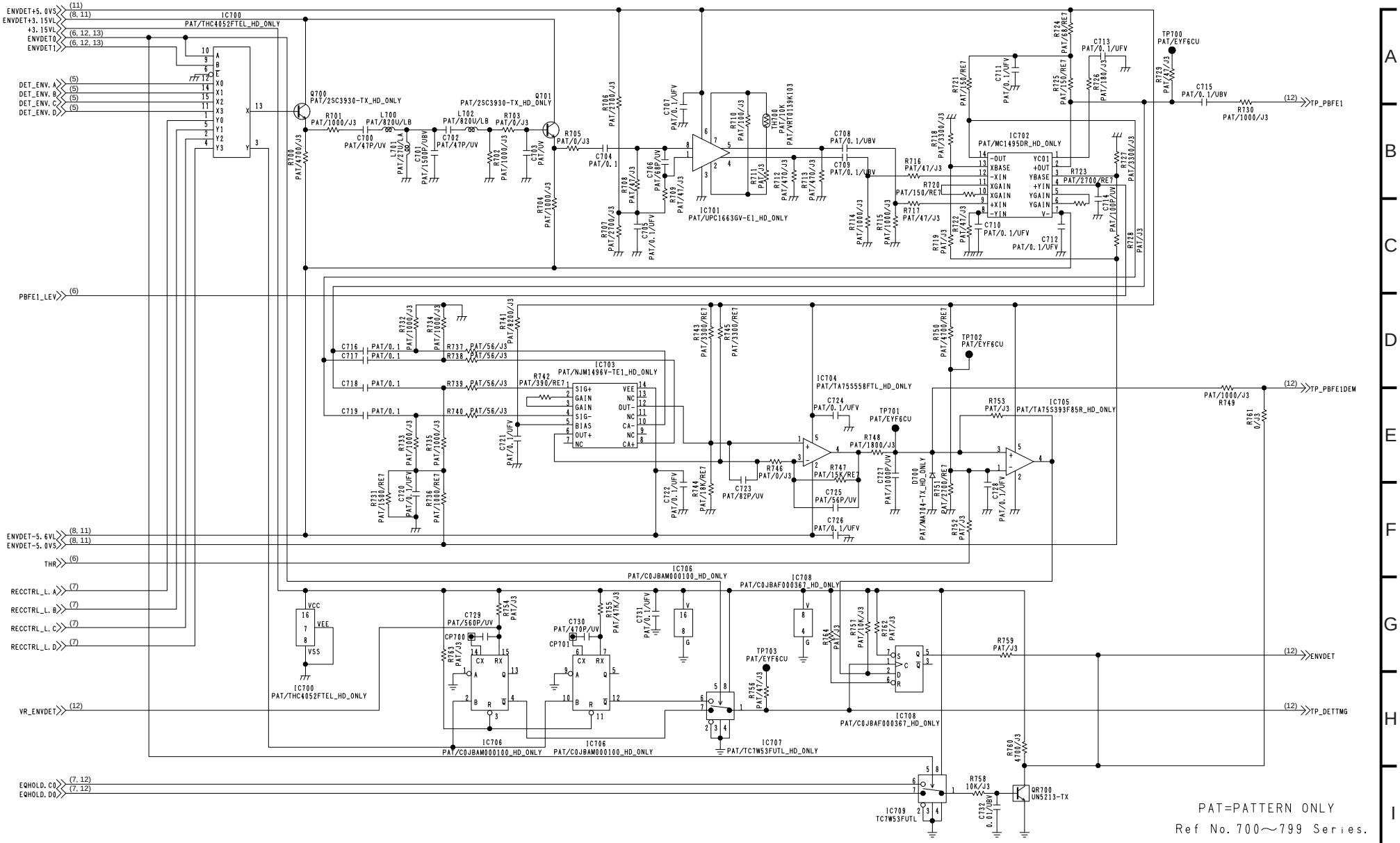
Ref No. 500～599 Series.

COMPONENT NAME	**RFEQ (LOGIC)**	07/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (7/13) (0)
		SCM055

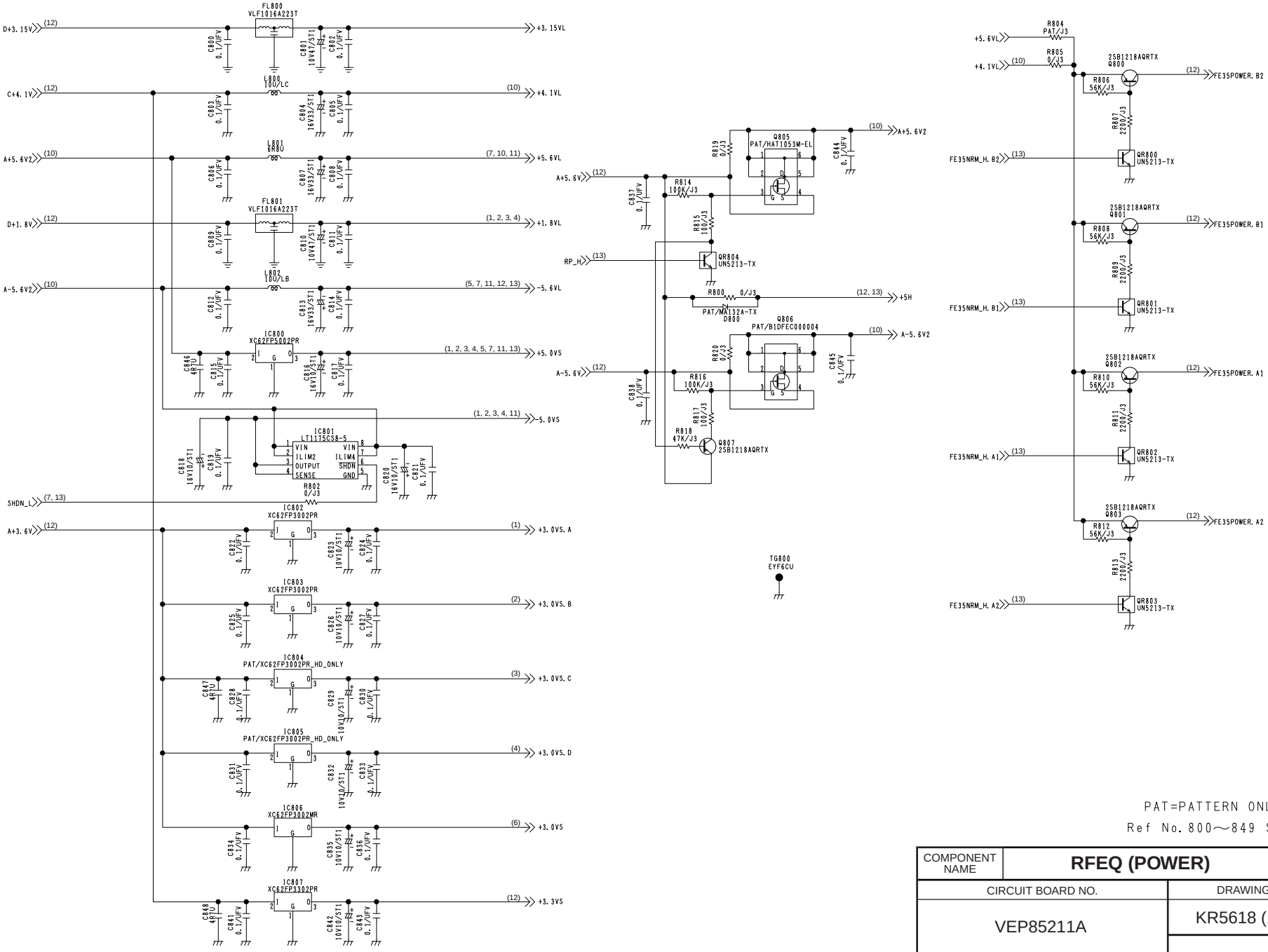


PAT=PATTERN ONLY
Ref No. 600～699 Series.

COMPONENT NAME	RFEQ (FE1)	08/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (8/13) (0)
		SCM056



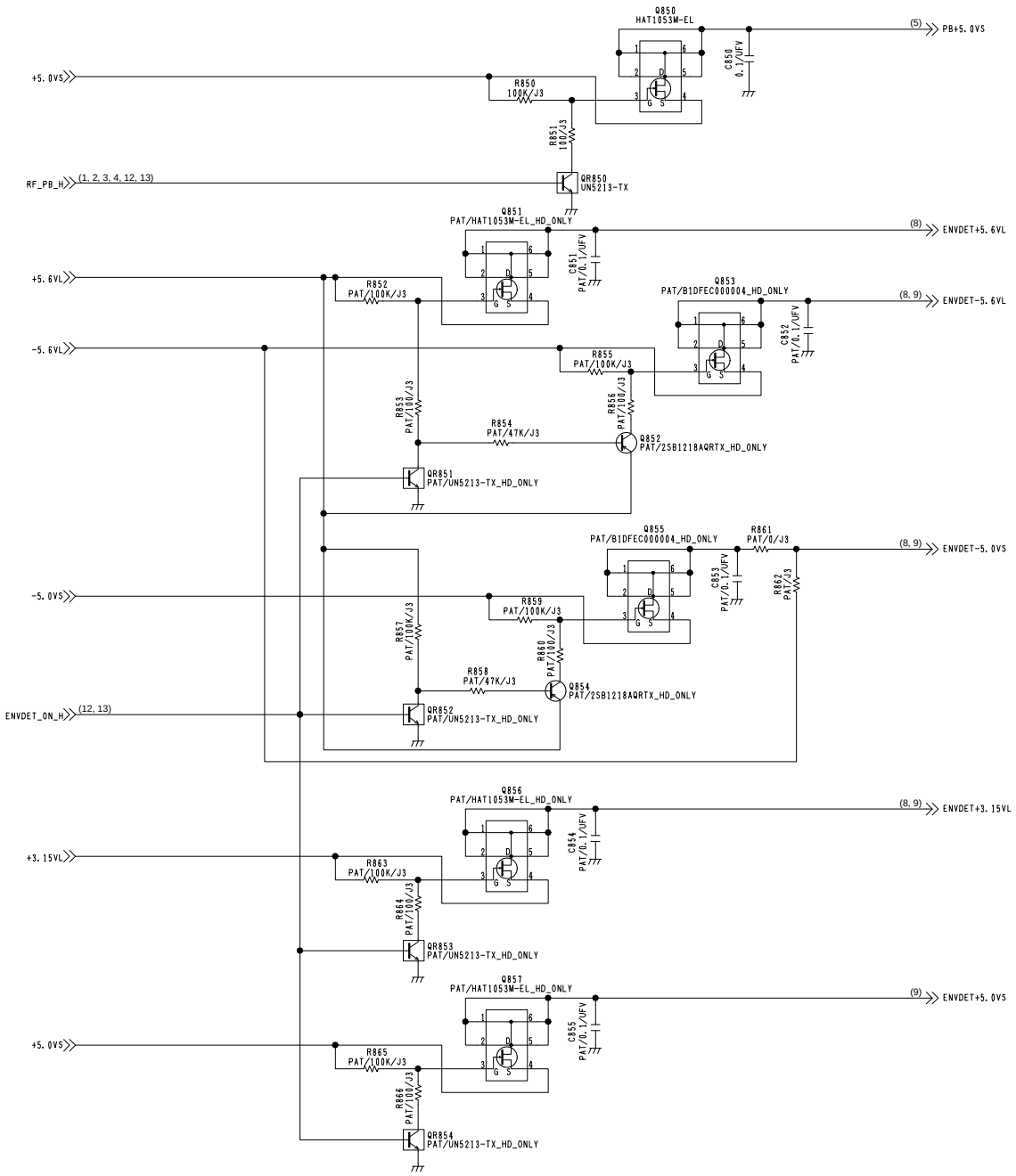
COMPONENT NAME	**RFEQ (ENVDET)**	09/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (9/13) (0)
		SCM057

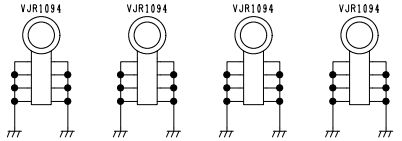


PAT=PATTERN ONLY

Ref No. 800～849 Series.

COMPONENT NAME	RFEQ (POWER)	10/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (10/13) (0)
		SCM058





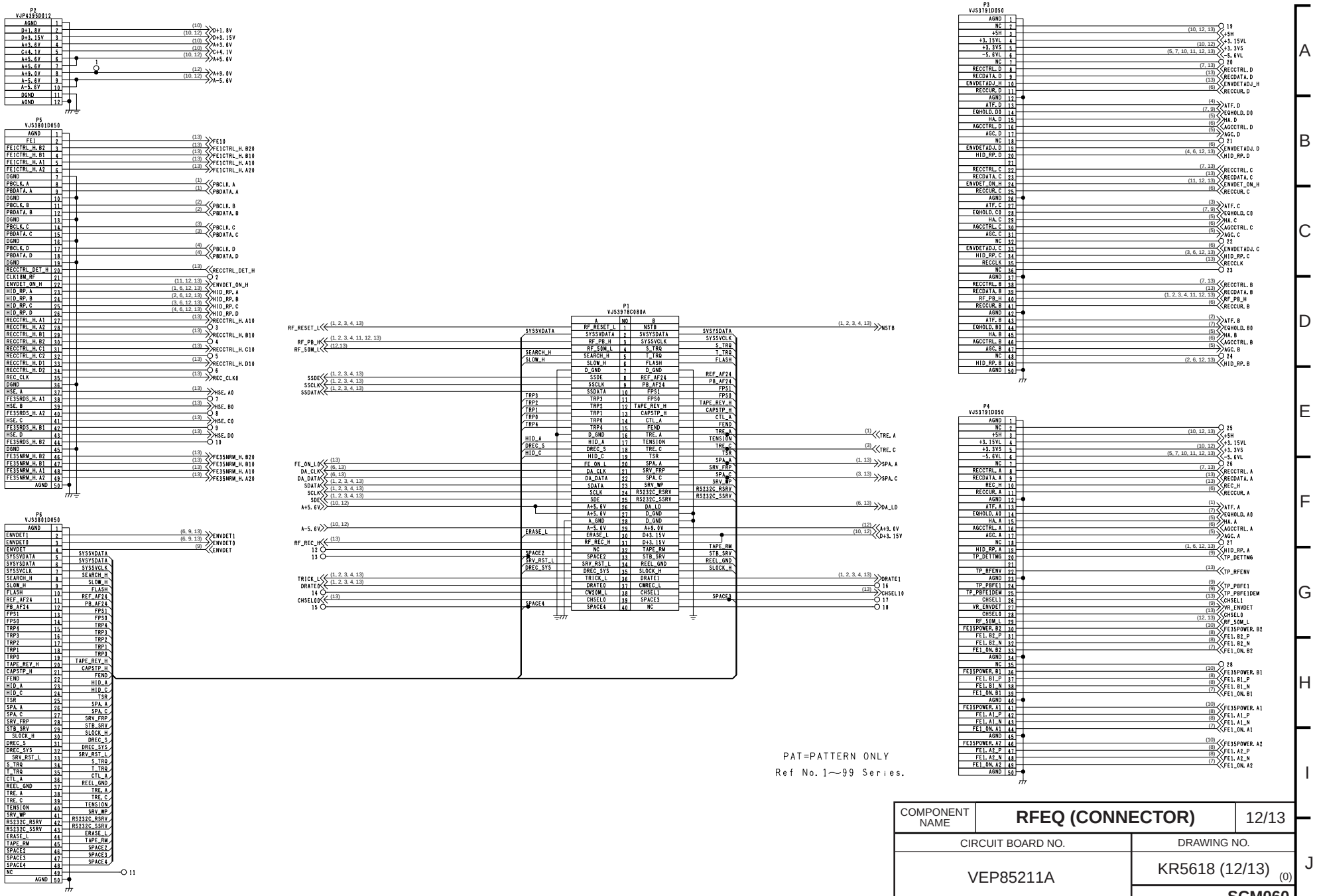
PAT=PATTERN ONLY

Ref No. 850～899 Series.

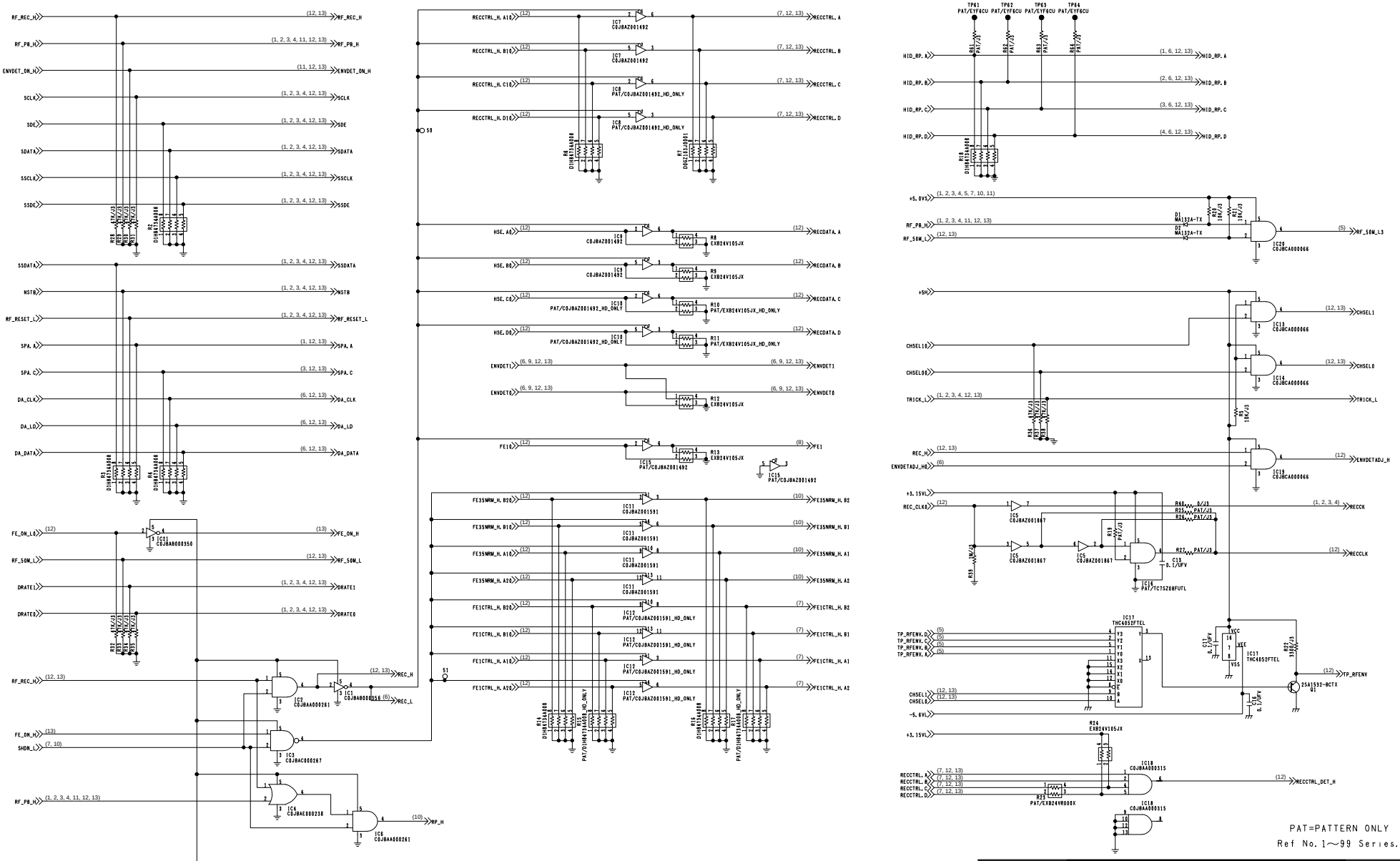
COMPONENT NAME	**RFEQ (POWER2)**	11/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (11/13) (0)
		SCM059

A B C D E F G H I J

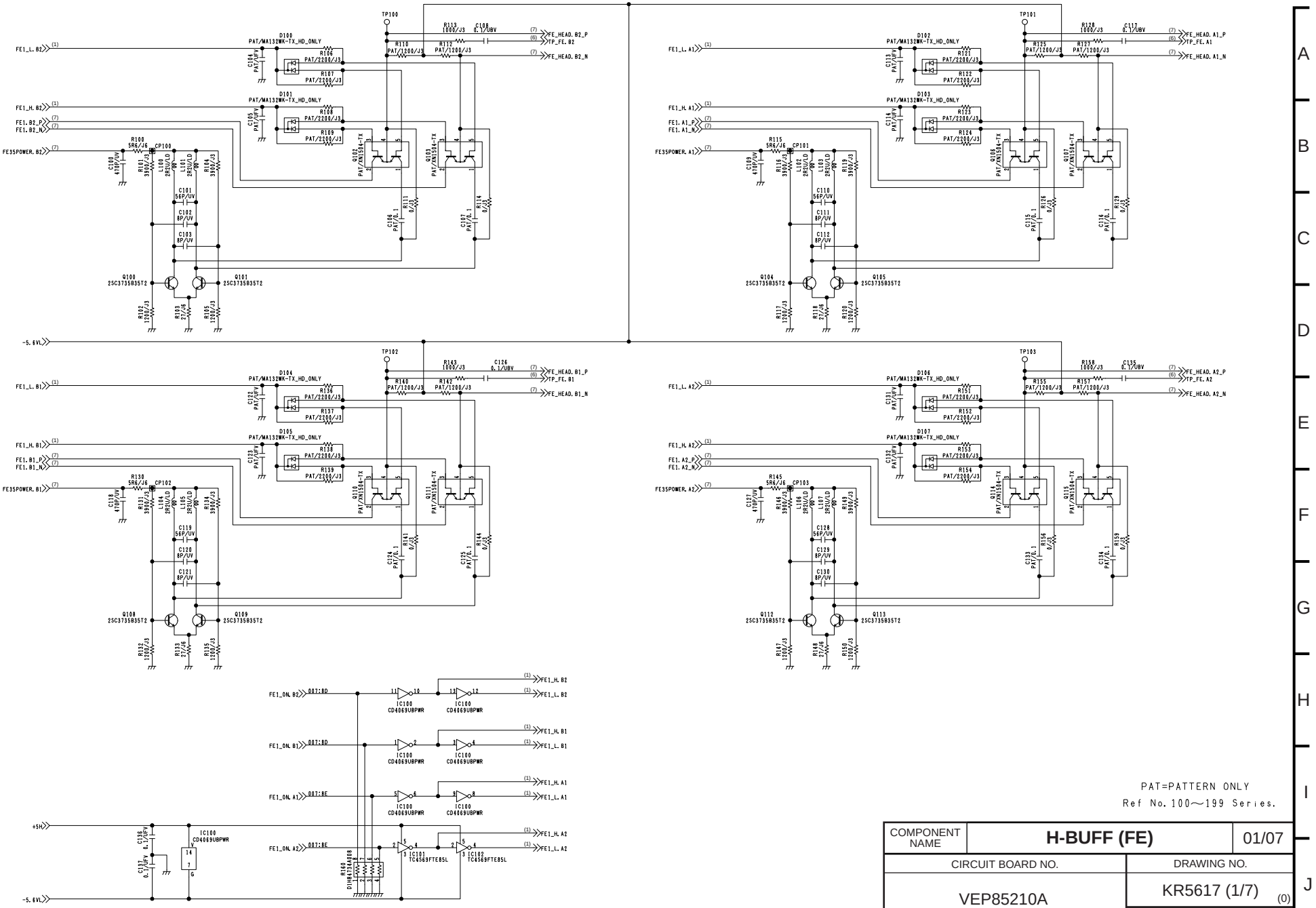
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



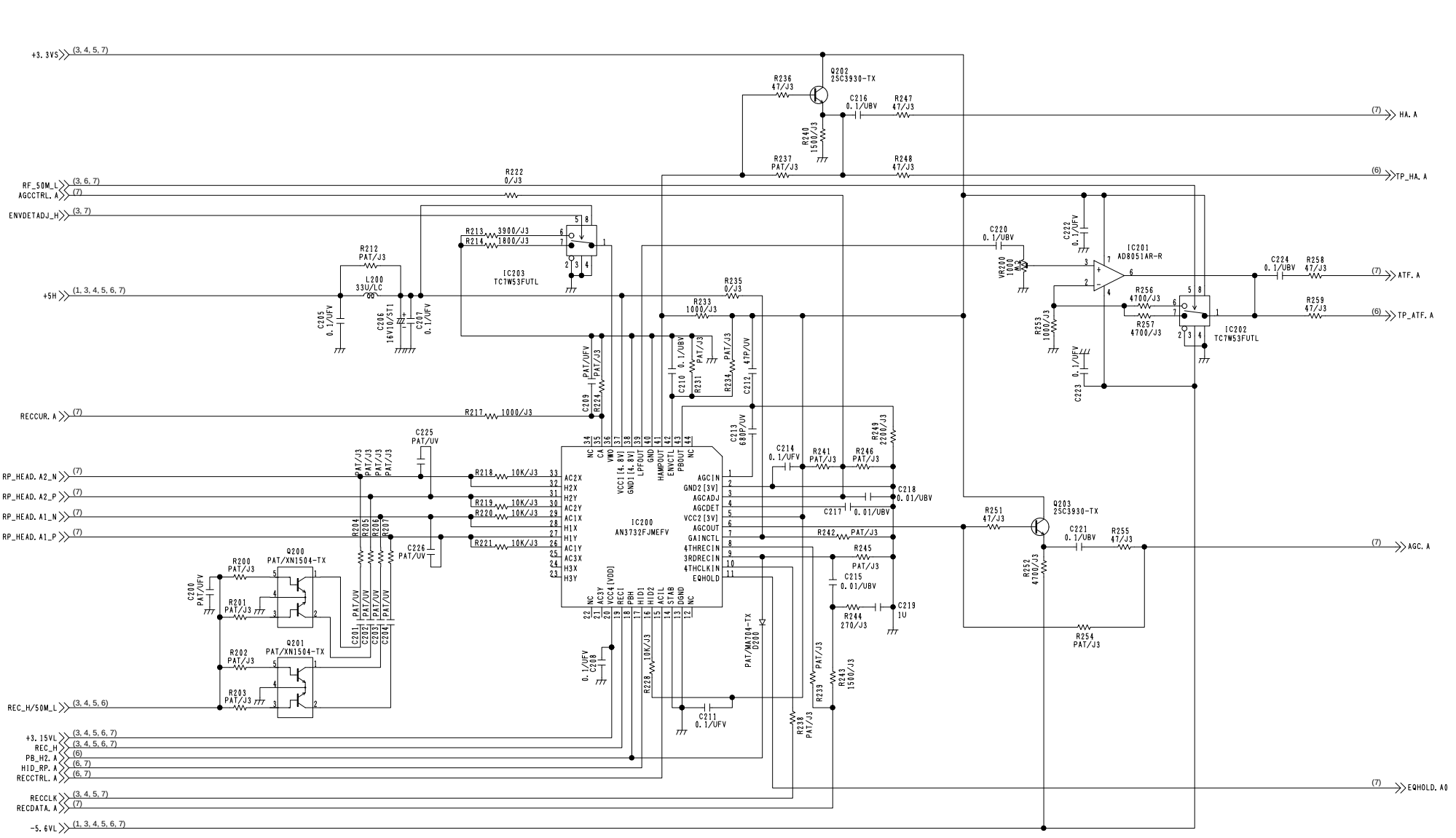
COMPONENT NAME	**RFEQ (CONNECTOR)** 12/13
CIRCUIT BOARD NO.	DRAWING NO.
VEP85211A	KR5618 (12/13) (0)
	SCM060



COMPONENT NAME	**RFEQ (CONNECTOR)**	13/13
CIRCUIT BOARD NO.		DRAWING NO.
VEP85211A		KR5618 (13/13) (0)
		SCM061

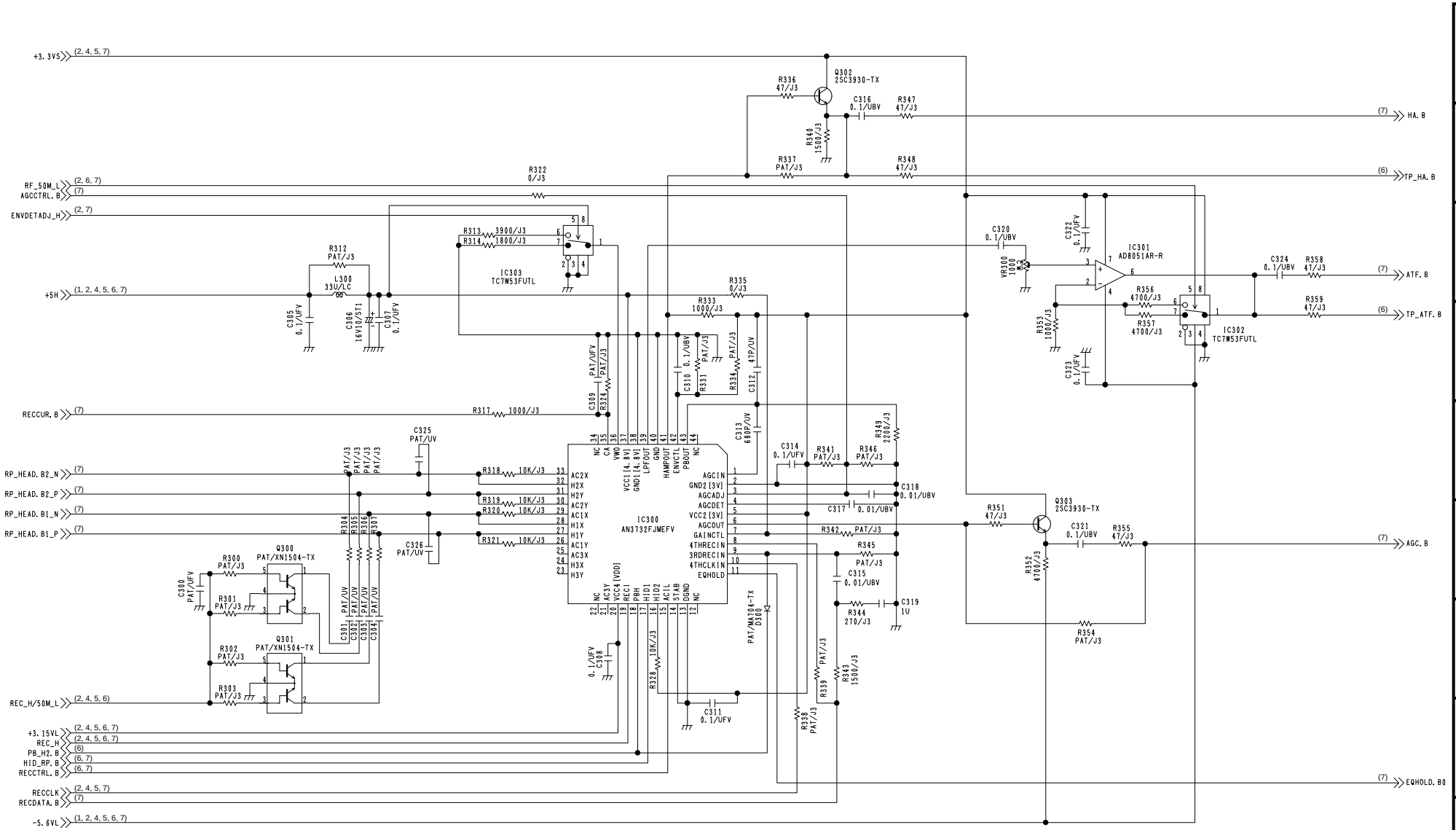


COMPONENT NAME	H-BUFF (FE)	01/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP85210A		KR5617 (1/7) (0)
		SCM062

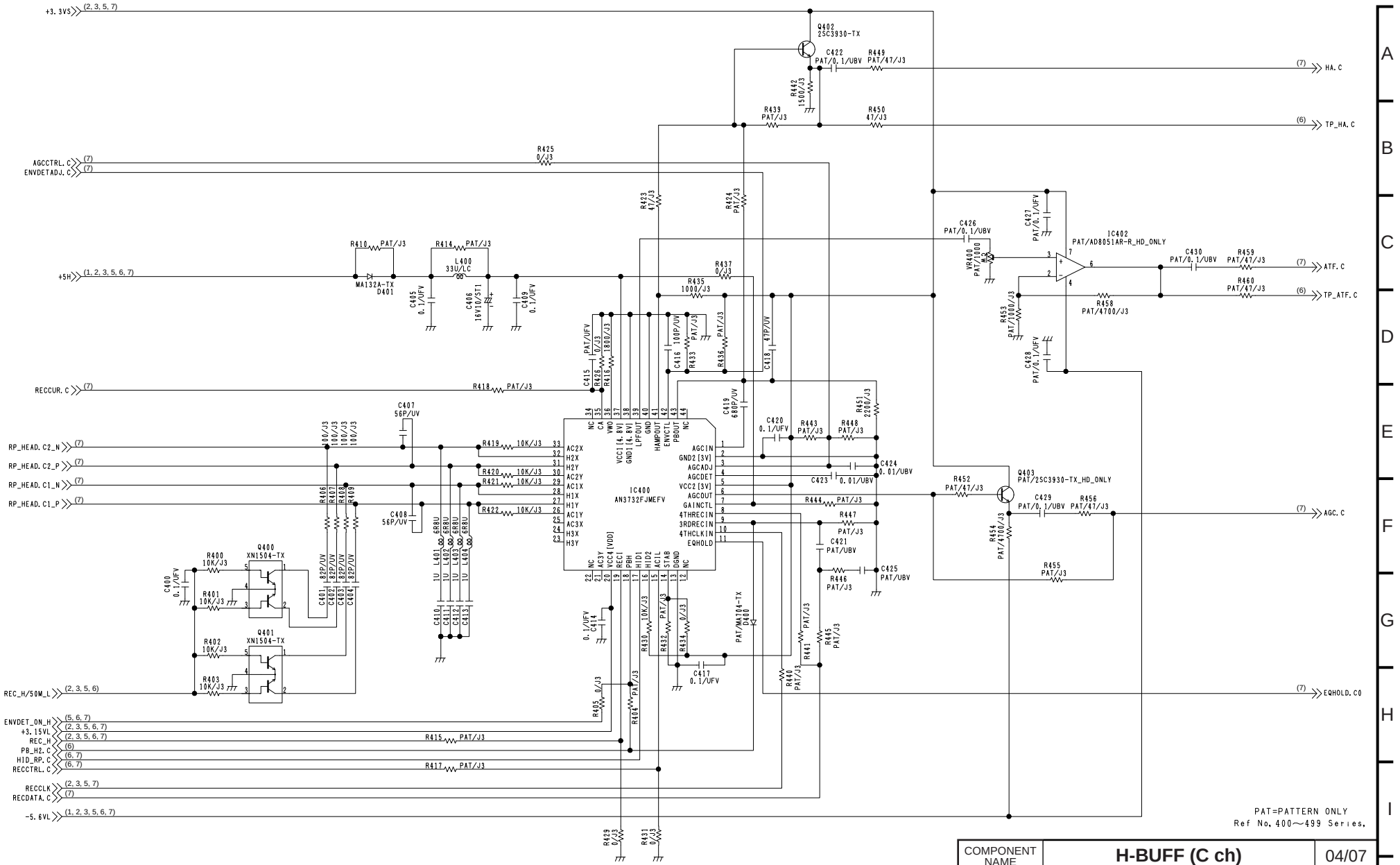


PAT=PATTERN ONLY
Ref No. 200～299 Series.

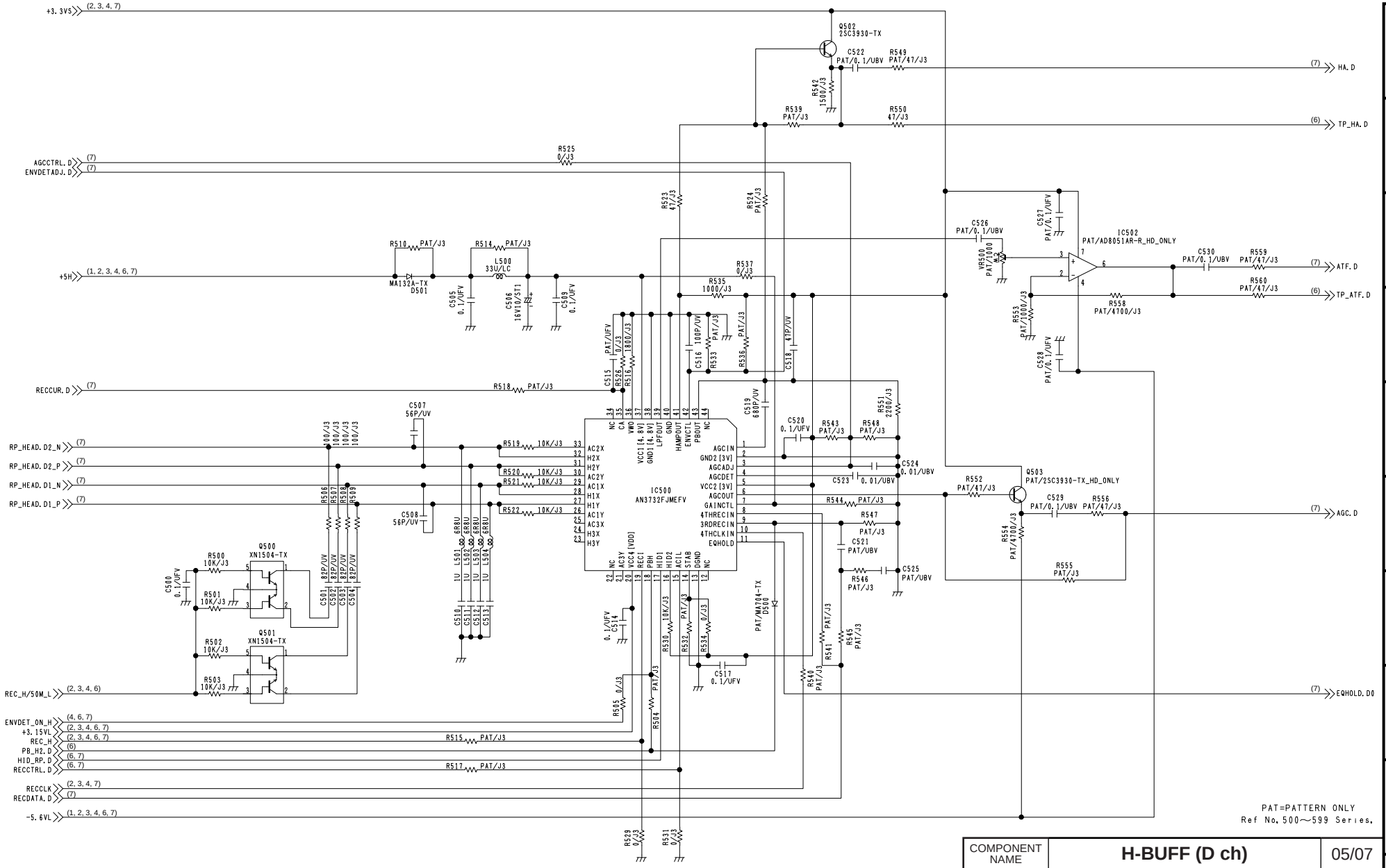
COMPONENT NAME	**H-BUFF (A ch)**	02/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP85210A		KR5617 (2/7) (0)
		SCM063

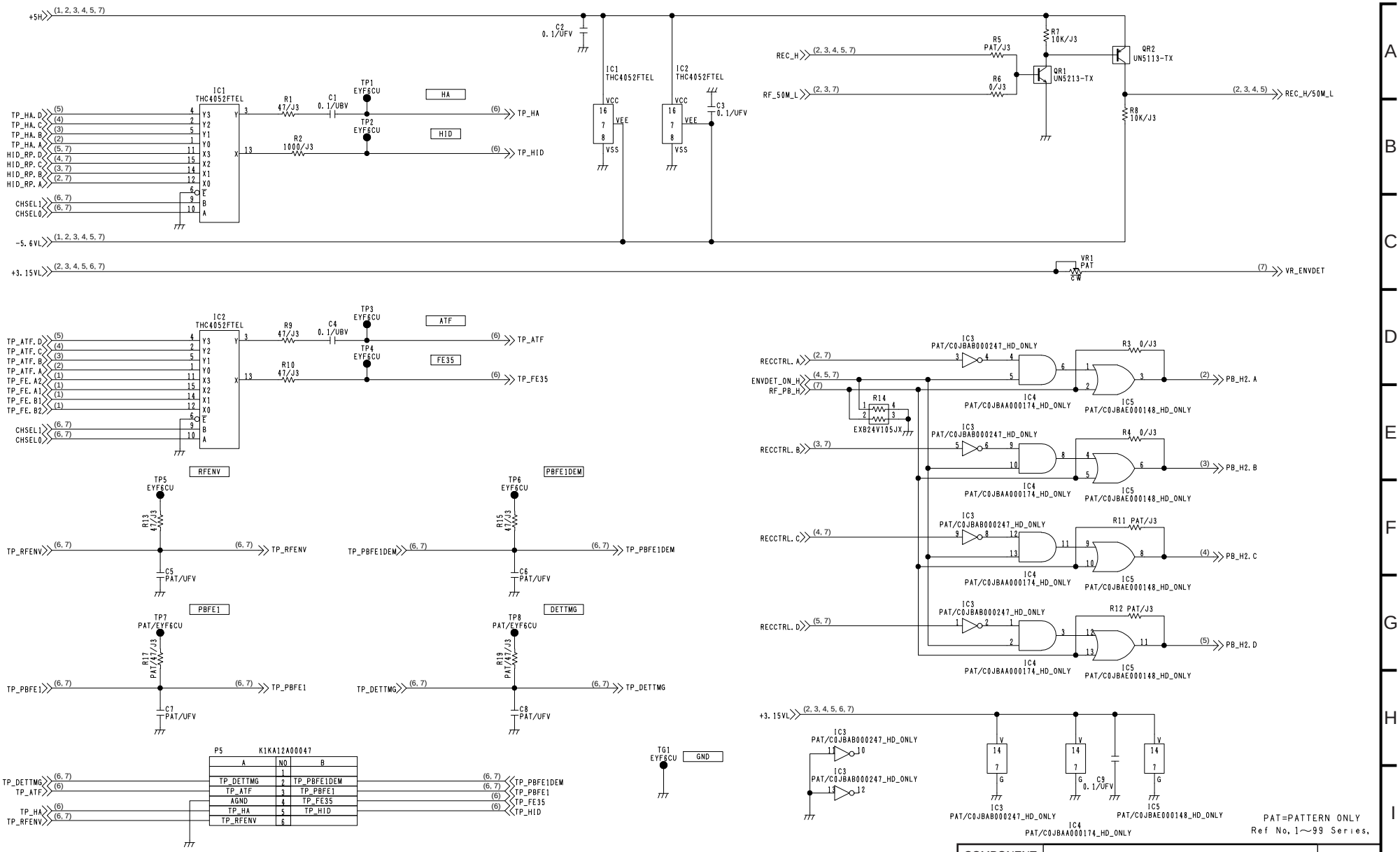


COMPONENT NAME	**H-BUFF (B ch)**	03/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP85210A		KR5617 (3/7) (0)
		SCM064

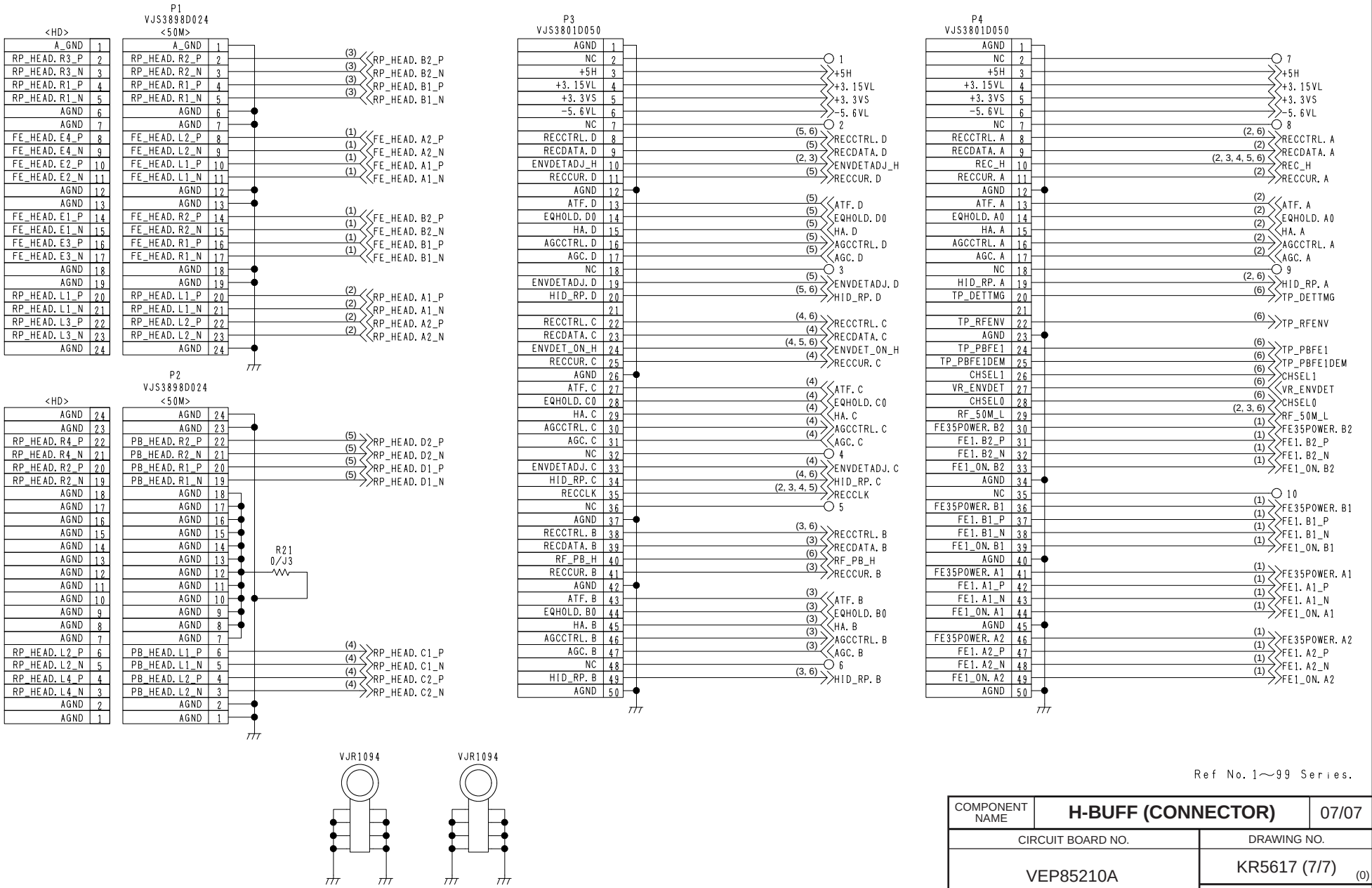


COMPONENT NAME	H-BUFF (C ch)	04/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP85210A		KR5617 (4/7) (0)
		SCM065


+3.3VS
(2, 3, 4, 7)
Q502
2SC3930-TX
C522
PAT/0.1/UBV
R549
PAT/47/J3
(7) HA.D
R542
1500/J3
R539
PAT/J3
R550
47/J3
(6) TP_HA.D
AGCCTRL.D
ENVDETADJ.D
(7)
R525
0/J3
R523
47/J3
R524
PAT/J3
C526
PAT/0.1/UBV
C527
PAT/0.1/UFV
IC502
PAT/AD8051AR-R_HD_ONLY
VR500
PAT/1000
C530
PAT/0.1/UBV
R559
PAT/47/J3
(7) ATF.D
R560
PAT/47/J3
(6) TP_ATF.D
R558
PAT/4700/J3
R553
PAT/1000/J3
C528
PAT/0.1/UFV
R510
PAT/J3
R514
PAT/J3
L500
33U/LC
MA132A-TX
D501
C505
0.1/UFV
C506
16V10/S11
C507
0.1/UFV
+5H
(1, 2, 3, 4, 6, 7)
R535
1000/J3
R537
0/J3
C516
100P/UV
R533
PAT/J3
R536
PAT/J3
C518
47P/UV
C515
PAT/UFV
R526
0/J3
R516
1800/J3
RECCUR.D
(7)
R518
PAT/J3
C519
680P/UV
C520
0.1/UFV
R543
PAT/J3
R548
PAT/J3
R551
2200/J3
C524
0.01/UBV
C523
0.01/UBV
Q503
PAT/2SC3930-TX_HD_ONLY
R552
PAT/47/J3
C529
PAT/0.1/UBV
R556
PAT/47/J3
(7) AGC.D
R554
PAT/4700/J3
R555
PAT/J3
R544
PAT/J3
R547
PAT/J3
C521
PAT/UBV
R546
PAT/J3
C525
PAT/UBV
C507
56P/UV
C508
56P/UV
RP_HEAD.D2_N
RP_HEAD.D2_P
RP_HEAD.D1_N
RP_HEAD.D1_P
(7)
R519
10K/J3
R520
10K/J3
R521
10K/J3
R522
10K/J3
100/J3
R506
R507
R508
R509
IC500
AN3732FJMEFV
AC2X
H2X
H2Y
AC2Y
AC1X
H1X
H1Y
AC1Y
AC3X
H3X
H3Y
NC
CA
VWO
VCC1 [4.8V]
GND1 [4.8V]
LPFOUT
GND
HAMPOUT
ENVCTL
PBOUT
NC
AGCIN
GND2 [3V]
AGCADJ
AGCDET
VCC2 [3V]
AGCOUT
GAINCTL
4THRECIN
3RDRECIN
4THCLKIN
EQHOLD
NC
AC2Y
VCC4 [VDD]
REG1
H1D1
H1D2
ACIL
STAB
GGND
NC
R500
10K/J3
Q500
XN1504-TX
R501
10K/J3
R502
10K/J3
Q501
XN1504-TX
R503
10K/J3
C500
0.1/UFV
C501
82P/UV
C502
82P/UV
C503
82P/UV
C504
82P/UV
L501
1U
L502
1U
L503
1U
L504
1U
6R8U
C510
C511
C512
C513
C514
0.1/UFV
R530
10K/J3
R532
PAT/J3
R534
0/J3
C517
0.1/UFV
PAT/MA704-TX
D500
R540
PAT/J3
R541
PAT/J3
R545
PAT/J3
R505
0/J3
R504
PAT/J3
REC_H/50M_L
(2, 3, 4, 6)
(7) EQHOLD.D
ENVDET_ON_H
(4, 6, 7)
+3.15VL
(2, 3, 4, 6, 7)
REC_H
(2, 3, 4, 6, 7)
PB_H2.D
(6)
HID_RP.D
(6, 7)
RECCTRL.D
(6, 7)
R515
PAT/J3
R517
PAT/J3
RECCLK
(2, 3, 4, 7)
RECDATA.D
(7)
-5.6VL
(1, 2, 3, 4, 6, 7)
R529
0/J3
R531
0/J3
PAT=PATTERN ONLY
Ref No. 500～599 Series.
COMPONENT NAME
H-BUFF (D ch)
05/07
CIRCUIT BOARD NO.
VEP85210A
DRAWING NO.
KR5617 (5/7) (0)
SCM066

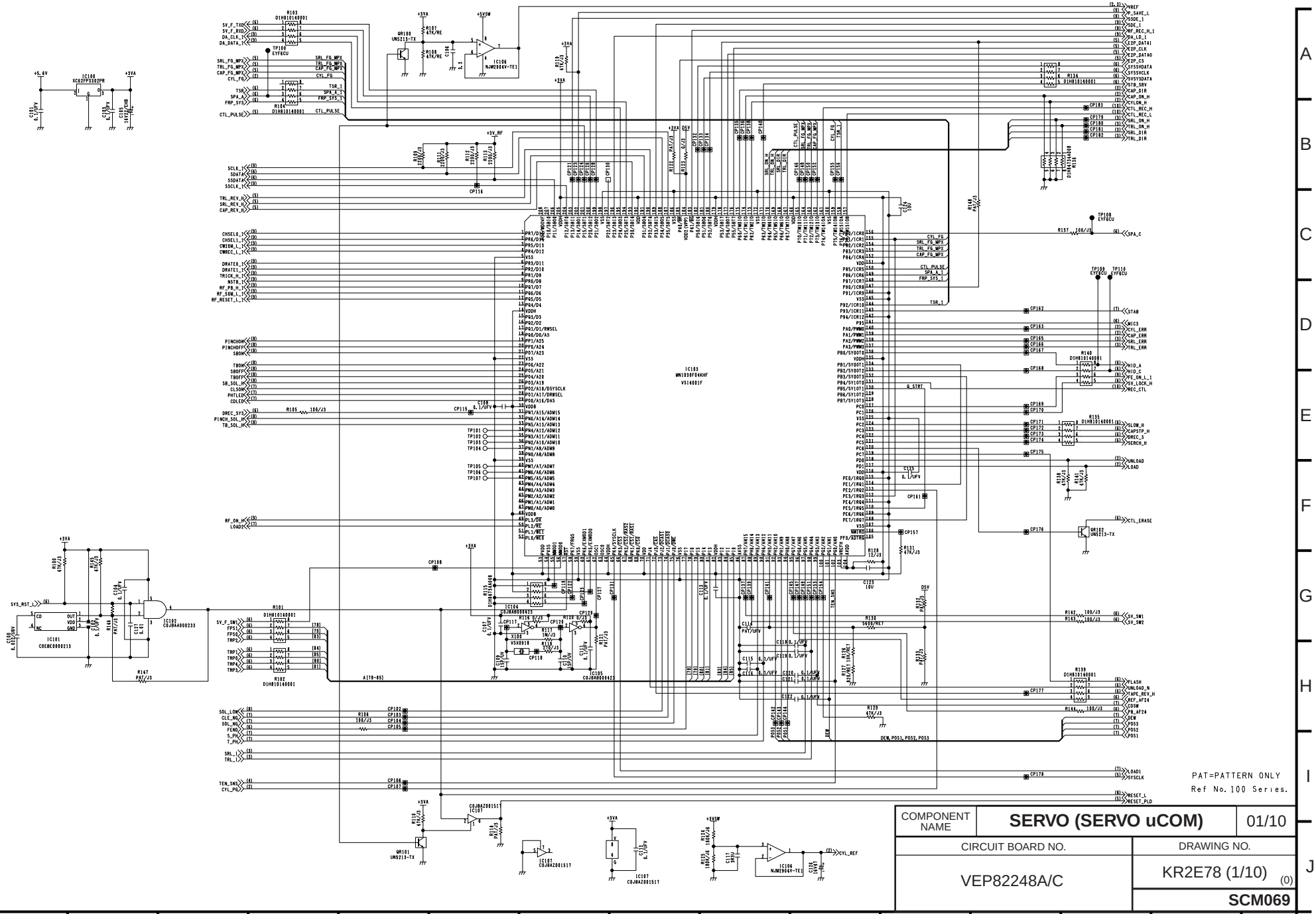


COMPONENT NAME	**H-BUFF (TP, VR)**	06/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP85210A	KR5617 (6/7) (0)	
	SCM067	



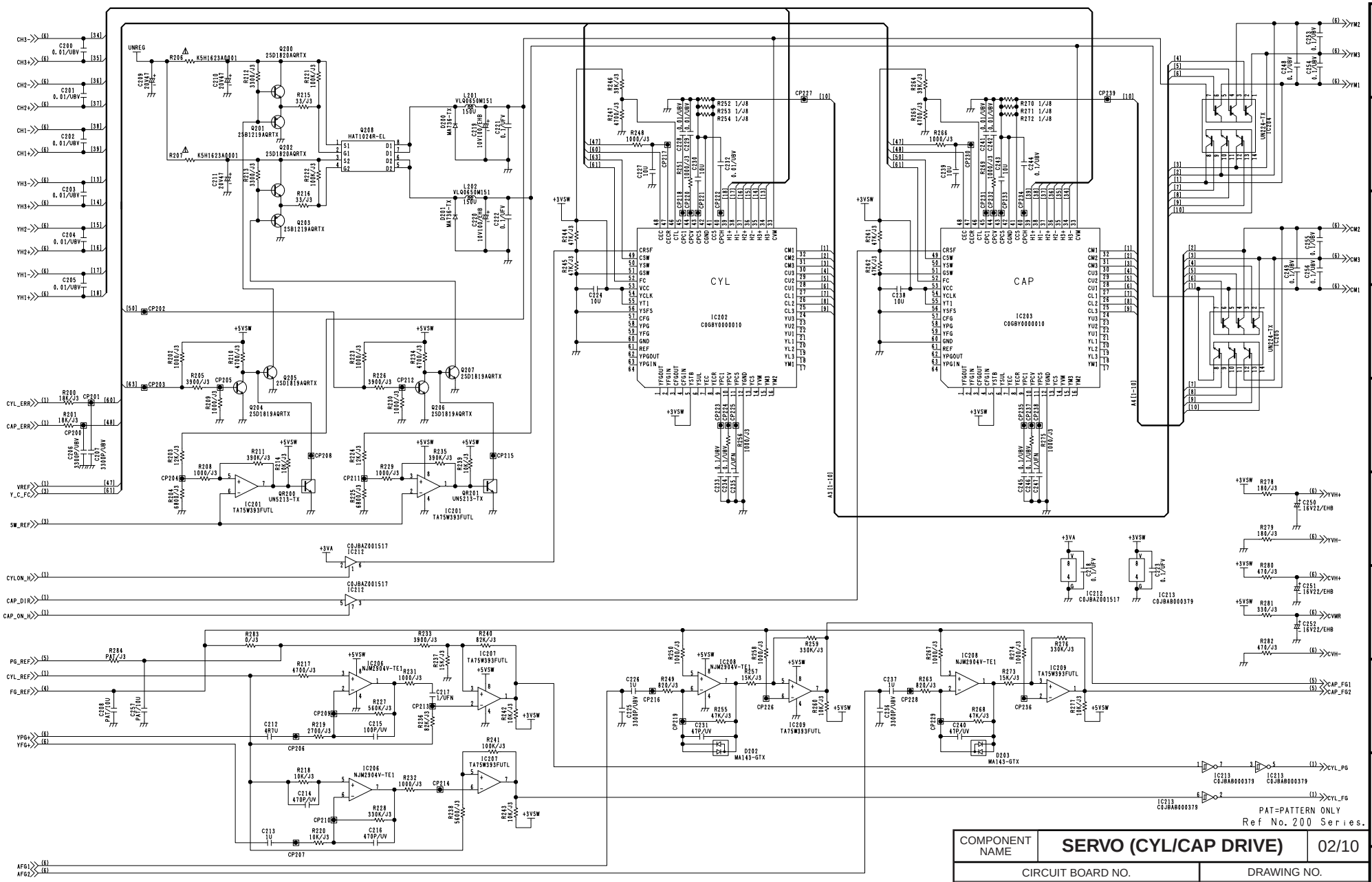
Ref No. 1～99 Series.

COMPONENT NAME	H-BUFF (CONNECTOR)	07/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP85210A		KR5617 (7/7) (0)
		SCM068



PAT=PATTERN ONLY
Ref No.100 Series.

COMPONENT NAME	**SERVO (SERVO uCOM)**	01/10
CIRCUIT BOARD NO.		DRAWING NO.
VEP82248A/C		KR2E78 (1/10) (0)
		SCM069

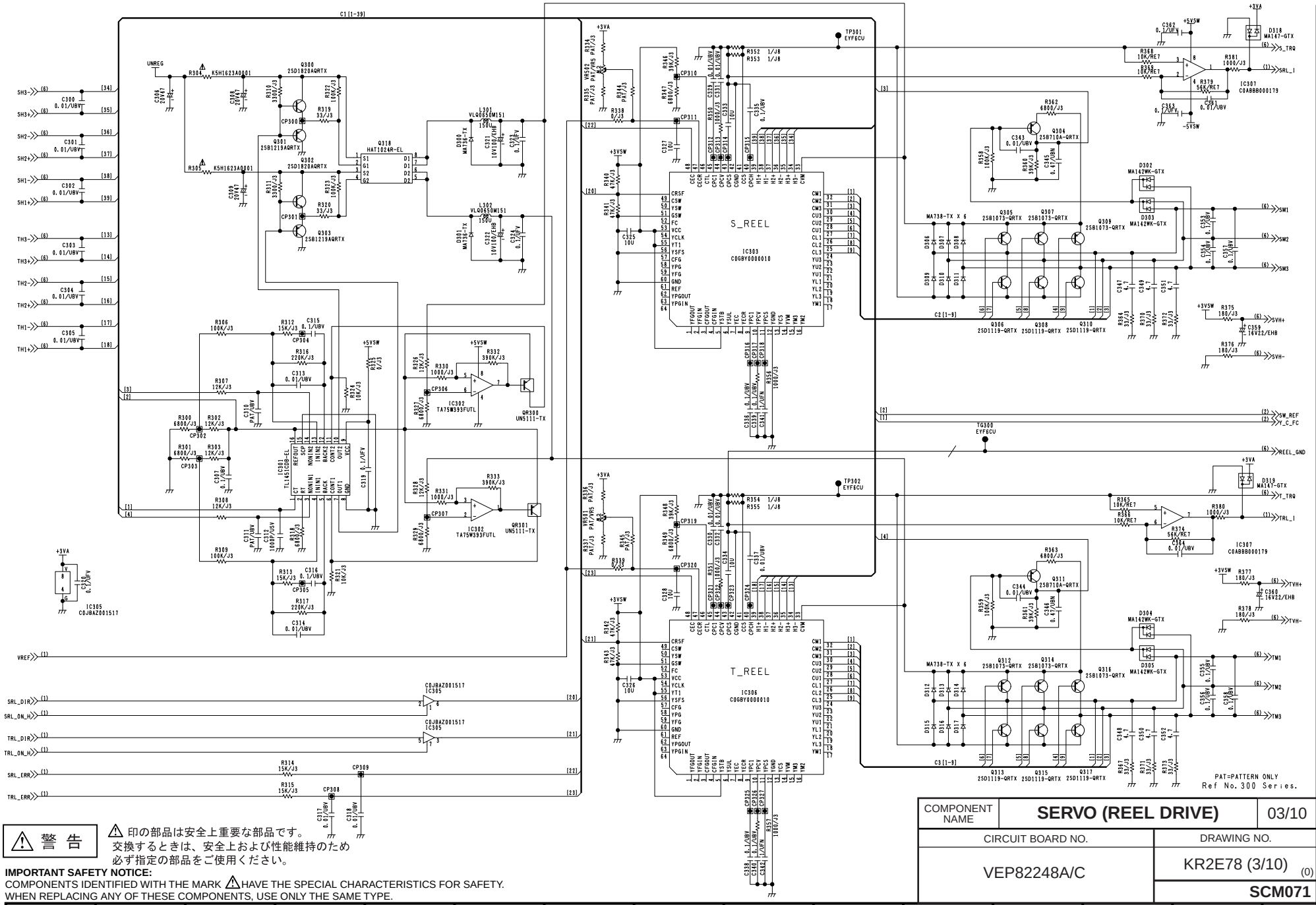


COMPONENT NAME	SERVO (CYL/CAP DRIVE)	02/10
CIRCUIT BOARD NO.		DRAWING NO.
VEP82248A/C		KR2E78 (2/10) (0)
		SCM070

⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.



⚠ 警 告

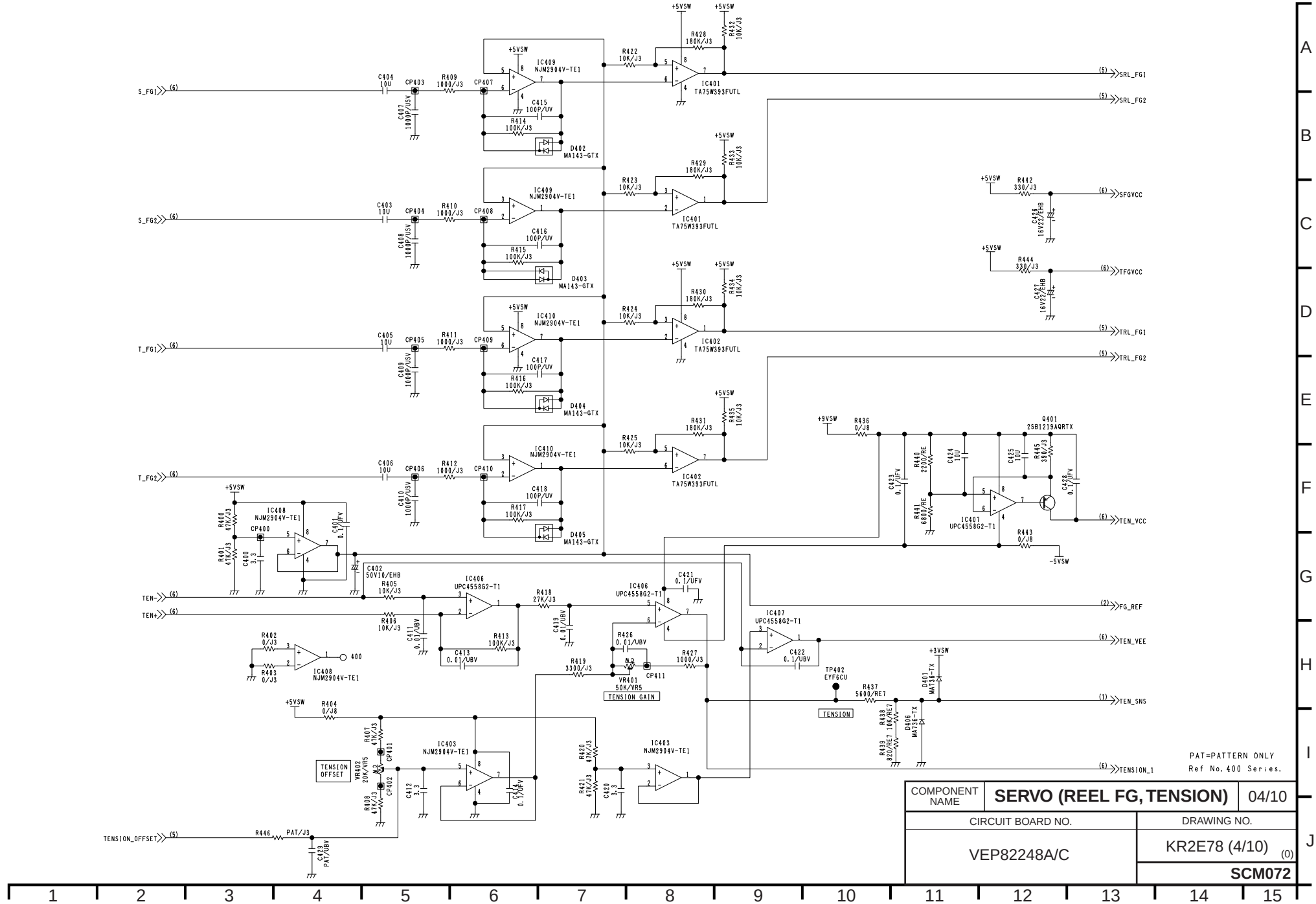
⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

COMPONENT NAME	**SERVO (REEL DRIVE)**	03/10
CIRCUIT BOARD NO.		DRAWING NO.
VEP82248A/C		KR2E78 (3/10) (0)
		SCM071

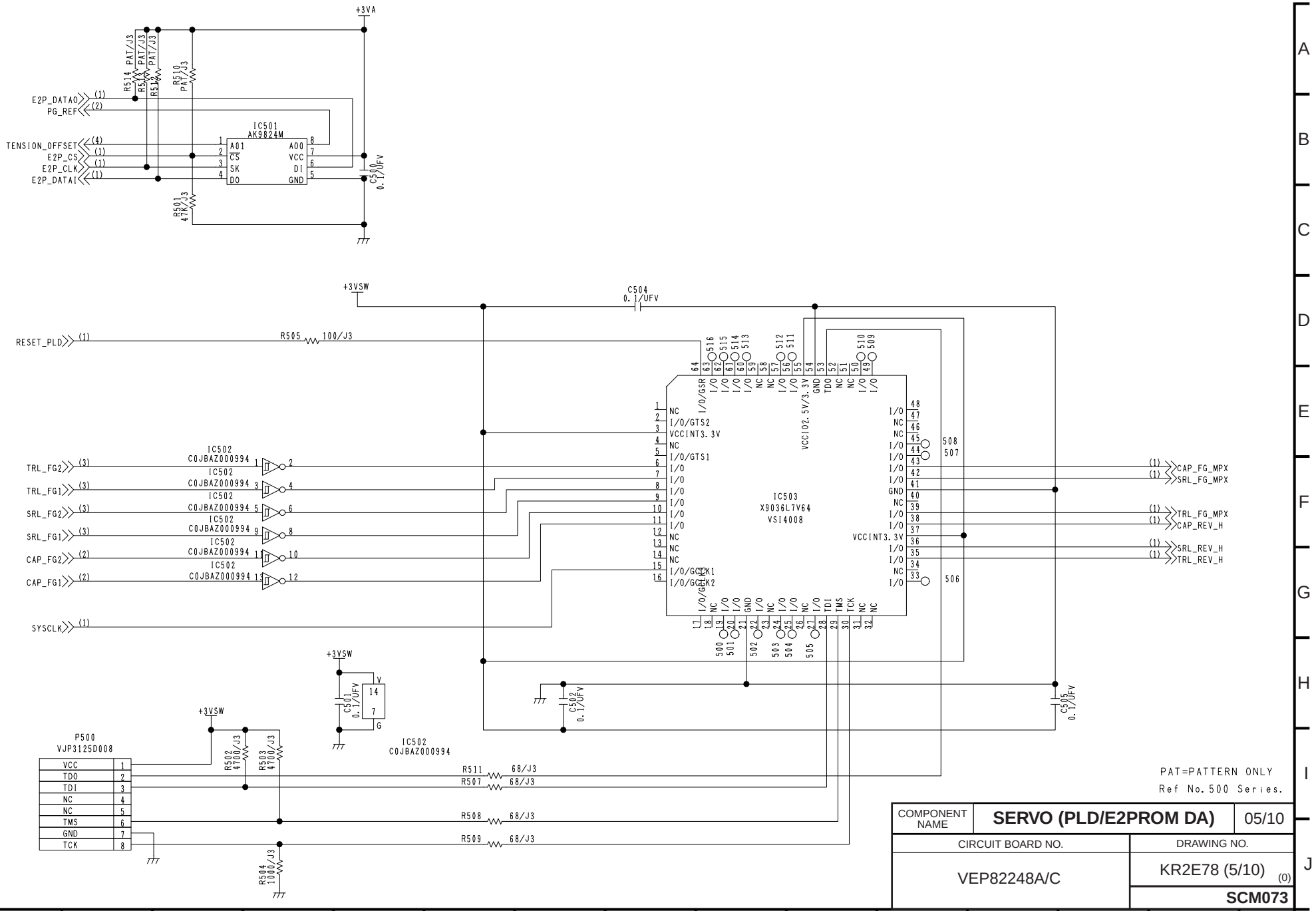
A B C D E F G H I J

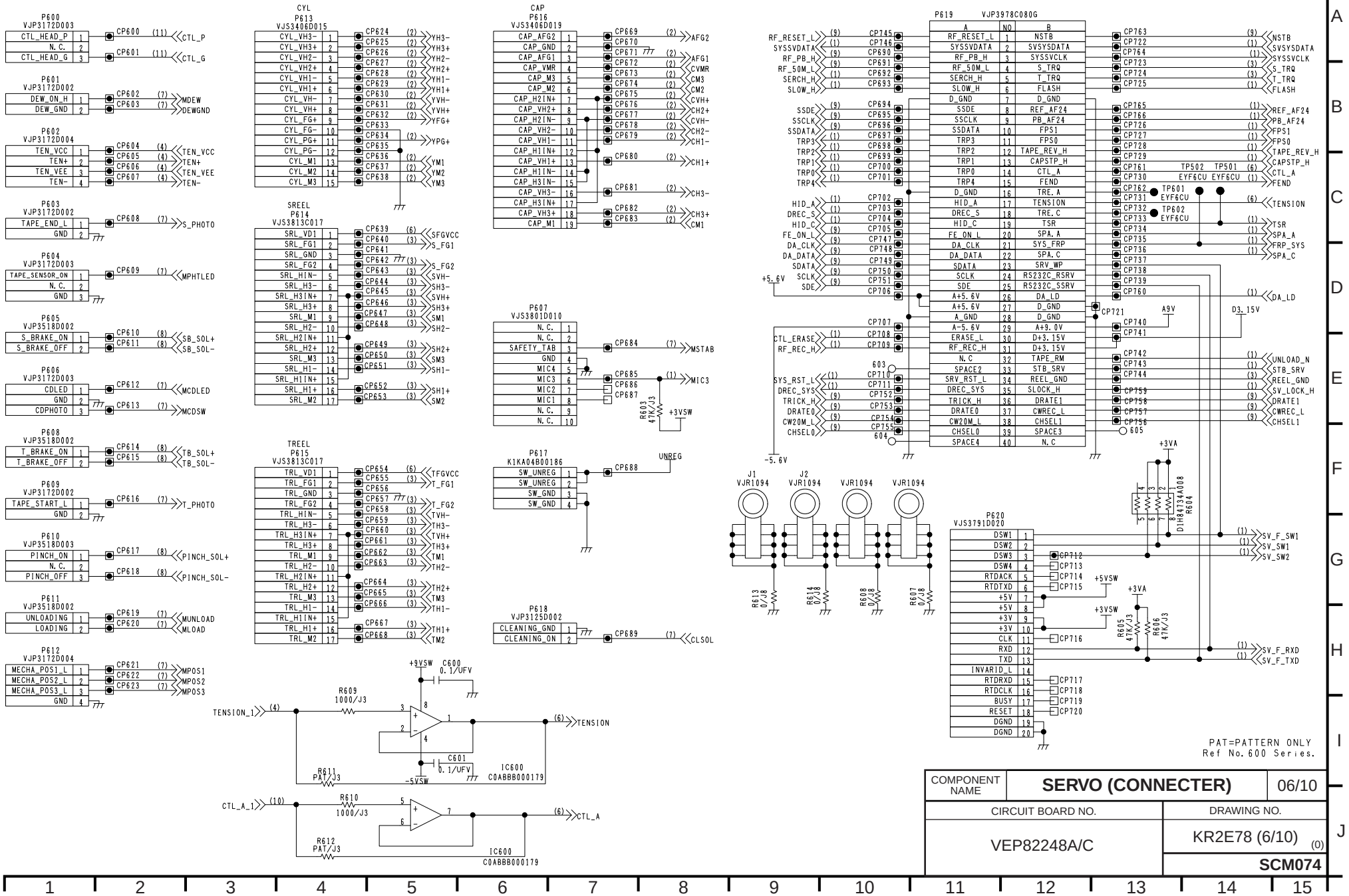
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

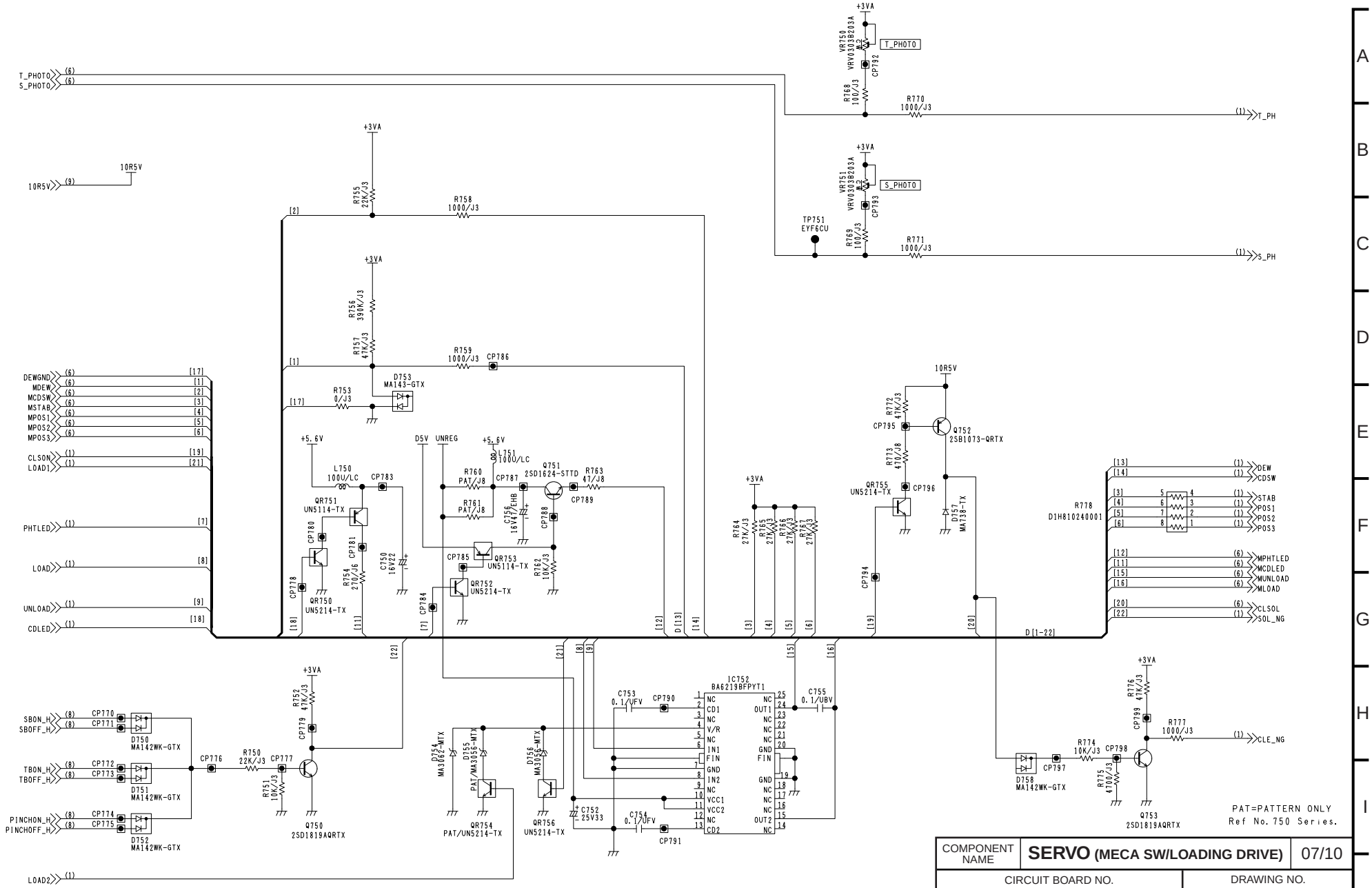


PAT=PATTERN ONLY
Ref No. 400 Series.

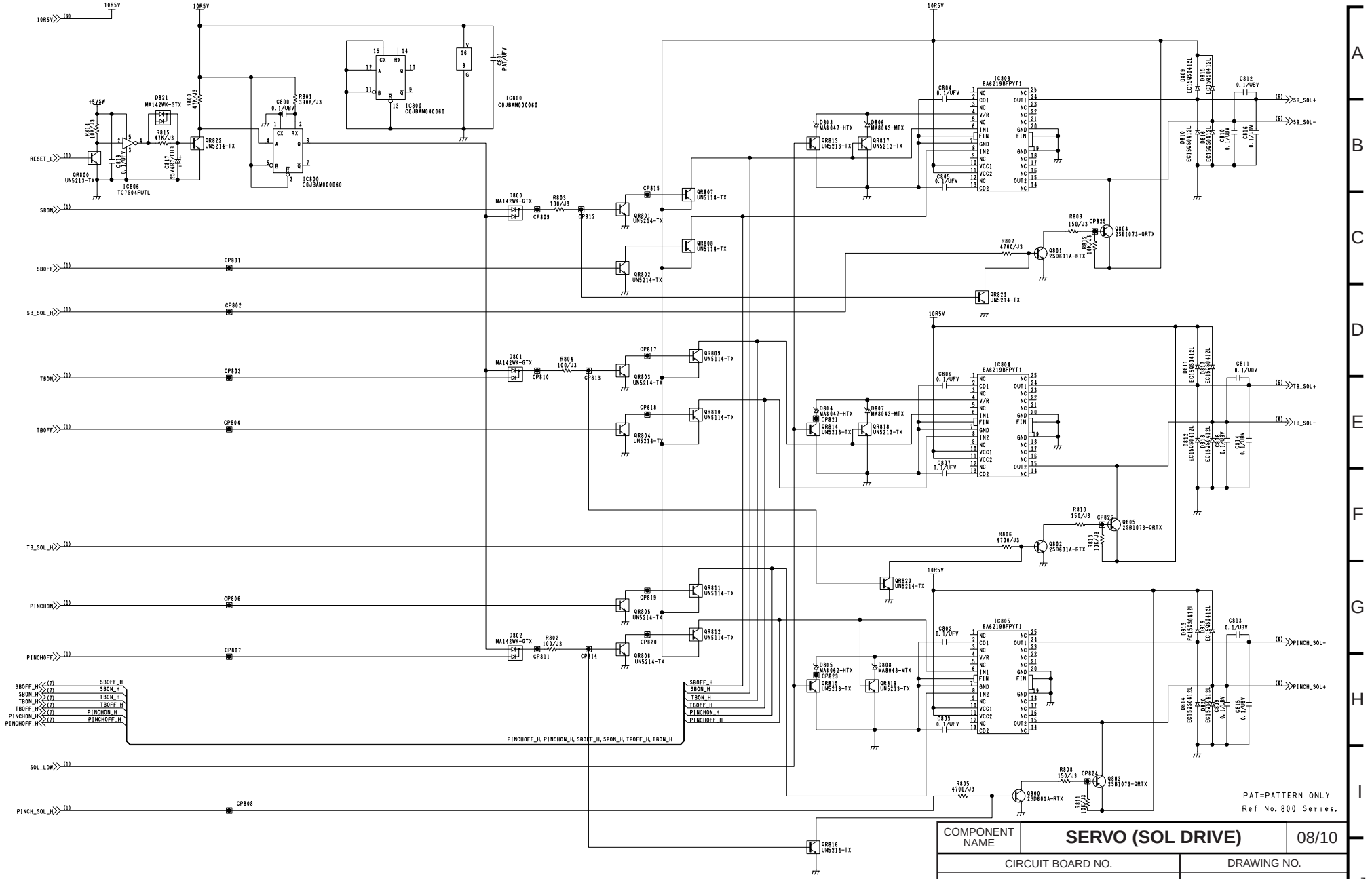
COMPONENT NAME	**SERVO (REEL FG, TENSION)**	04/10
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82248A/C	KR2E78 (4/10) (0)	
	SCM072	


+3VA
R514 PAT/J3
R512 PAT/J3
R513 PAT/J3
R510 PAT/J3
E2P_DATAO
PG_REF
TENSION_OFFSET
E2P_CS
E2P_CLK
E2P_DATAI
IC501
AK9824M
A01
CS
SK
DO
AOO
VCC
DI
GND
C500 0.1/UFV
R501 47K/J3
+3VSW
C504 0.1/UFV
RESET_PLD
R505 100/J3
IC502
C0JBAZ000994
TRL_FG2
TRL_FG1
SRL_FG2
SRL_FG1
CAP_FG2
CAP_FG1
SYSCLK
IC503
X9036L7V64
VSI4008
VCCIO2.5V/3.3V
VCCINT3.3V
CAP_FG_MPX
SRL_FG_MPX
TRL_FG_MPX
CAP_REV_H
SRL_REV_H
TRL_REV_H
C501 0.1/UFV
C502 0.1/UFV
C505 0.1/UFV
P500
VJP3125D008
VCC
TDO
TDI
NC
NC
TMS
GND
TCK
R502 4700/J3
R503 4700/J3
R504 1000/J3
R511 68/J3
R507 68/J3
R508 68/J3
R509 68/J3
PAT=PATTERN ONLY
Ref No. 500 Series.
COMPONENT NAME
SERVO (PLD/E2PROM DA)
05/10
CIRCUIT BOARD NO.
VEP82248A/C
DRAWING NO.
KR2E78 (5/10) (0)
SCM073

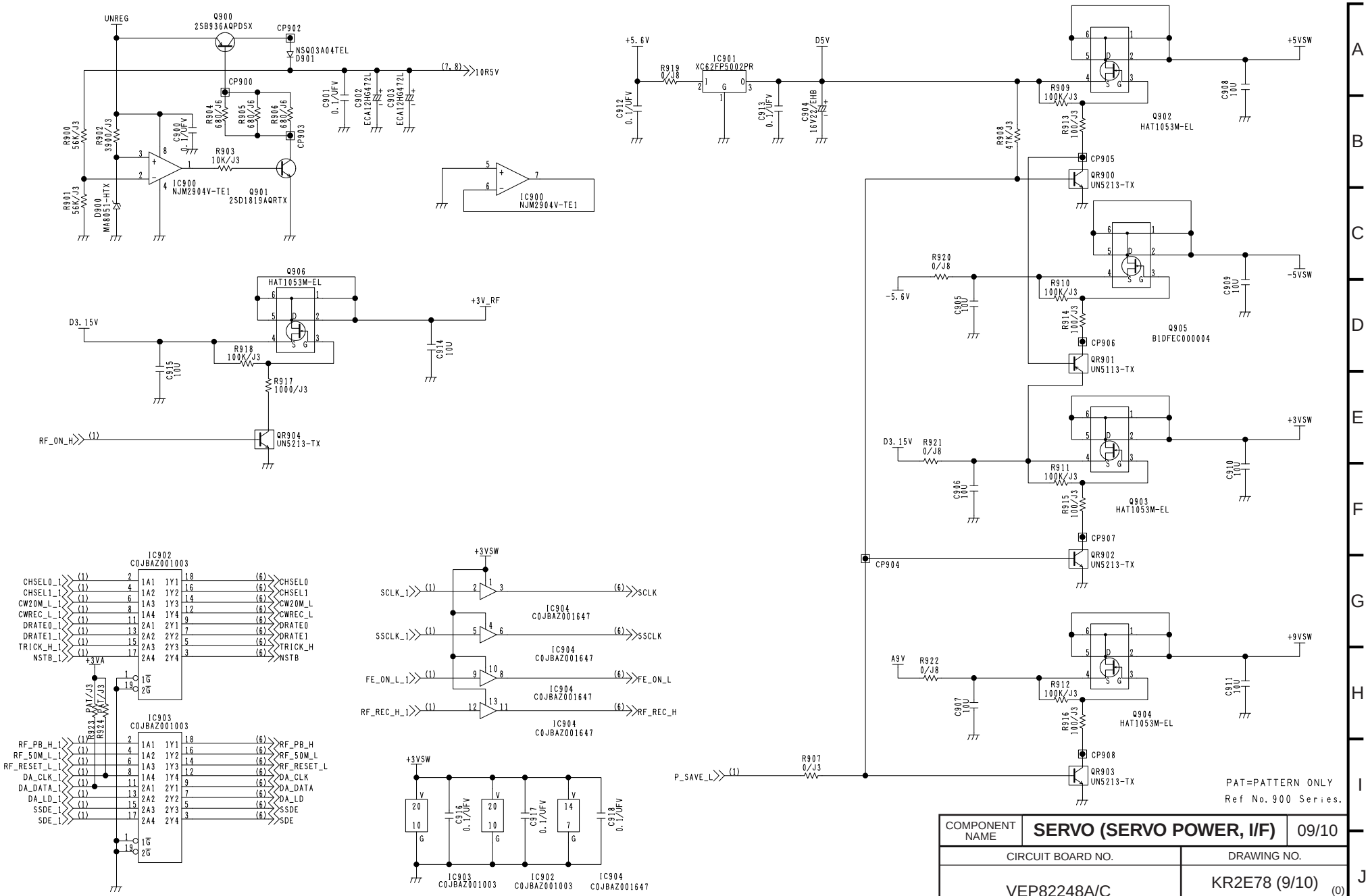

P600 VJP3172D003
CTL_HEAD_P
N. C.
CTL_HEAD_G
CP600 (11) CTL_P
CP601 (11) CTL_G
P601 VJP3172D002
DEW_ON_H
DEW_GND
CP602 (7) MDEW
CP603 (7) DEWGND
P602 VJP3172D004
TEN_VCC
TEN+
TEN_VEE
TEN-
CP604 (4) TEN_VCC
CP605 (4) TEN+
CP606 (4) TEN_VEE
CP607 (4) TEN-
P603 VJP3172D002
TAPE_END_L
GND
CP608 (7) S_PHOTO
P604 VJP3172D003
TAPE_SENSOR_ON
N.C.
GND
CP609 (7) MPHTLED
P605 VJP3518D002
S_BRAKE_ON
S_BRAKE_OFF
CP610 (8) SB_SOL+
CP611 (8) SB_SOL-
P606 VJP3172D003
CDLED
GND
CDPHOTO
CP612 (7) MCDLED
CP613 (7) MCDSW
P608 VJP3518D002
T_BRAKE_ON
T_BRAKE_OFF
CP614 (8) TB_SOL+
CP615 (8) TB_SOL-
P609 VJP3172D002
TAPE_START_L
GND
CP616 (7) T_PHOTO
P610 VJP3518D003
PINCH_ON
N.C.
PINCH_OFF
CP617 (8) PINCH_SOL+
CP618 (8) PINCH_SOL-
P611 VJP3518D002
UNLOADING
LOADING
CP619 (7) MUNLOAD
CP620 (7) MLOAD
P612 VJP3172D004
MECHA_POS1_L
MECHA_POS2_L
MECHA_POS3_L
GND
CP621 (7) MPOS1
CP622 (7) MPOS2
CP623 (7) MPOS3
CYL
P613 VJS3406D015
CYL_VH3-
CYL_VH3+
CYL_VH2-
CYL_VH2+
CYL_VH1-
CYL_VH1+
CYL_VH-
CYL_VH+
CYL_FG+
CYL_FG-
CYL_PG+
CYL_PG-
CYL_M1
CYL_M2
CYL_M3
CP624 (2) YH3-
CP625 (2) YH3+
CP626 (2) YH2-
CP627 (2) YH2+
CP628 (2) YH1-
CP629 (2) YH1+
CP630 (2) YVH-
CP631 (2) YVH+
CP632 (2) YFG+
CP633
CP634 (2) YPG+
CP635
CP636 (2) YM1
CP637 (2) YM2
CP638 (2) YM3
SREEL
P614 VJS3813C017
SRL_VD1
SRL_FG1
SRL_GND
SRL_FG2
SRL_HIN-
SRL_H3-
SRL_H3IN+
SRL_H3+
SRL_M1
SRL_H2-
SRL_H2IN+
SRL_H2+
SRL_M3
SRL_H1-
SRL_H1IN+
SRL_H1+
SRL_M2
CP639 (6) SFGVCC
CP640 (3) S_FG1
CP641
CP642 (3) S_FG2
CP643 (3) SVH-
CP644 (3) SH3-
CP645 (3) SVH+
CP646 (3) SH3+
CP647 (3) SM1
CP648 (3) SH2-
CP649 (3) SH2+
CP650 (3) SM3
CP651 (3) SH1-
CP652 (3) SH1+
CP653 (3) SM2
TREEL
P615 VJS3813C017
TRL_VD1
TRL_FG1
TRL_GND
TRL_FG2
TRL_HIN-
TRL_H3-
TRL_H3IN+
TRL_H3+
TRL_M1
TRL_H2-
TRL_H2IN+
TRL_H2+
TRL_M3
TRL_H1-
TRL_H1IN+
TRL_H1+
TRL_M2
CP654 (6) TFGVCC
CP655 (3) T_FG1
CP656
CP657 (3) T_FG2
CP658 (3) TVH-
CP659 (3) TH3-
CP660 (3) TVH+
CP661 (3) TH3+
CP662 (3) TM1
CP663 (3) TH2-
CP664 (3) TH2+
CP665 (3) TM3
CP666 (3) TH1-
CP667 (3) TH1+
CP668 (3) TM2
CAP
P616 VJS3406D019
CAP_AFG2
CAP_GND
CAP_AFG1
CAP_VMR
CAP_M3
CAP_M2
CAP_H2IN+
CAP_VH2+
CAP_H2IN-
CAP_VH2-
CAP_VH1-
CAP_H1IN+
CAP_VH1+
CAP_H1IN-
CAP_H3IN-
CAP_VH3-
CAP_H3IN+
CAP_VH3+
CAP_M1
CP669 (2) AFG2
CP670
CP671 (2) AFG1
CP672 (2) CVMR
CP673 (2) CM3
CP674 (2) CM2
CP675 (2) CVH+
CP676 (2) CH2+
CP677 (2) CVH-
CP678 (2) CH2-
CP679 (2) CH1-
CP680 (2) CH1+
CP681 (2) CH3-
CP682 (2) CH3+
CP683 (2) CM1
P607 VJS3801D010
N. C.
N. C.
SAFETY_TAB
GND
MIC4
MIC3
MIC2
MIC1
N. C.
N. C.
CP684 (7) MSTAB
CP685 (1) MIC3
CP686
CP687
R603 47K/J3
+3VSW
P617 K1KA04B00186
SW_UNREG
SW_UNREG
SW_GND
SW_GND
CP688
UNREG
P618 VJP3125D002
CLEANING_GND
CLEANING_ON
CP689 (7) CLSOL
P619 VJP3978C080G
A
NO
B
RF_RESET_L
SYSSVDATA
RF_PB_H
RF_50M_L
SERCH_H
SLOW_H
D_GND
SSDE
SSCLK
SSDATA
TRP3
TRP2
TRP1
TRP0
TRP4
D_GND
HID_A
DREC_S
HID_C
FE_ON_L
DA_CLK
DA_DATA
SDATA
SCLK
SDE
A+5.6V
A+5.6V
A_GND
A-5.6V
ERASE_L
RF_REC_H
N.C
SPACE2
SRV_RST_L
DREC_SYS
TRICK_H
DRATE0
CW20M_L
CHSEL0
SPACE4
NSTB
SVSYSDATA
SYSSVCLK
S_TRQ
T_TRQ
FLASH
D_GND
REF_AF24
PB_AF24
FPS1
FPS0
TAPE_REV_H
CAPSTP_H
CTL_A
FEND
TRE. A
TENSION
TRE. C
TSR
SPA. A
SYS_FRP
SPA. C
SRV_WP
RS232C_RSRV
RS232C_SSRV
DA_LD
D_GND
A+9. 0V
D+3. 15V
D+3. 15V
TAPE_RM
STB_SRV
REEL_GND
SLOCK_H
DRATE1
CWREC_L
CHSEL1
SPACE3
N. C
CP745 CP746 CP690 CP691 CP692 CP693
CP694 CP695 CP696 CP697 CP698 CP699 CP700 CP701
CP702 CP703 CP704 CP705 CP747 CP748 CP749 CP750 CP751 CP706
CP707 CP708 CP709
CP710 CP711 CP752 CP753 CP754 CP755
CP763 CP722 CP764 CP723 CP724 CP725
CP765 CP766 CP726 CP727 CP728 CP729 CP761 CP730 CP762 CP731 CP732 CP733 CP734 CP735 CP736 CP737 CP738 CP739 CP760
CP721
A9V
D3. 15V
CP740 CP741
CP742 CP743 CP744 CP759 CP758 CP757 CP756
TP502 TP501
EYF6CU EYF6CU
TP601 EYF6CU
TP602 EYF6CU
603
604
605
-5.6V
+5.6V
J1 VJR1094
J2 VJR1094
VJR1094
VJR1094
R613 0/J8
R614 0/J8
R608 0/J8
R607 0/J8
+3VA
D1H84734A008
R604
P620 VJS3791D020
DSW1
DSW2
DSW3
DSW4
RTDACK
RTDTXD
+5V
+5V
+3V
+3V
CLK
RXD
TXD
INVARID_L
RTDRXD
RTDCLK
BUSY
RESET
DGND
DGND
CP712 CP713 CP714 CP715 CP716 CP717 CP718 CP719 CP720
+5VSW
+3VSW
+3VA
R605 47K/J3
R606 47K/J3
SV_F_SW1
SV_SW1
SV_SW2
SV_F_RXD
SV_F_TXD
+9VSW
C600 0.1/UFV
R609 1000/J3
TENSION_1
TENSION
C601 0.1/UFV
-5VSW
R611 PAT/J3
IC600 C0ABBB000179
R610 1000/J3
CTL_A_1
CTL_A
R612 PAT/J3
IC600 C0ABBB000179
PAT=PATTERN ONLY
Ref No. 600 Series.
COMPONENT NAME
SERVO (CONNECTER)
06/10
CIRCUIT BOARD NO.
VEP82248A/C
DRAWING NO.
KR2E78 (6/10) (0)
SCM074



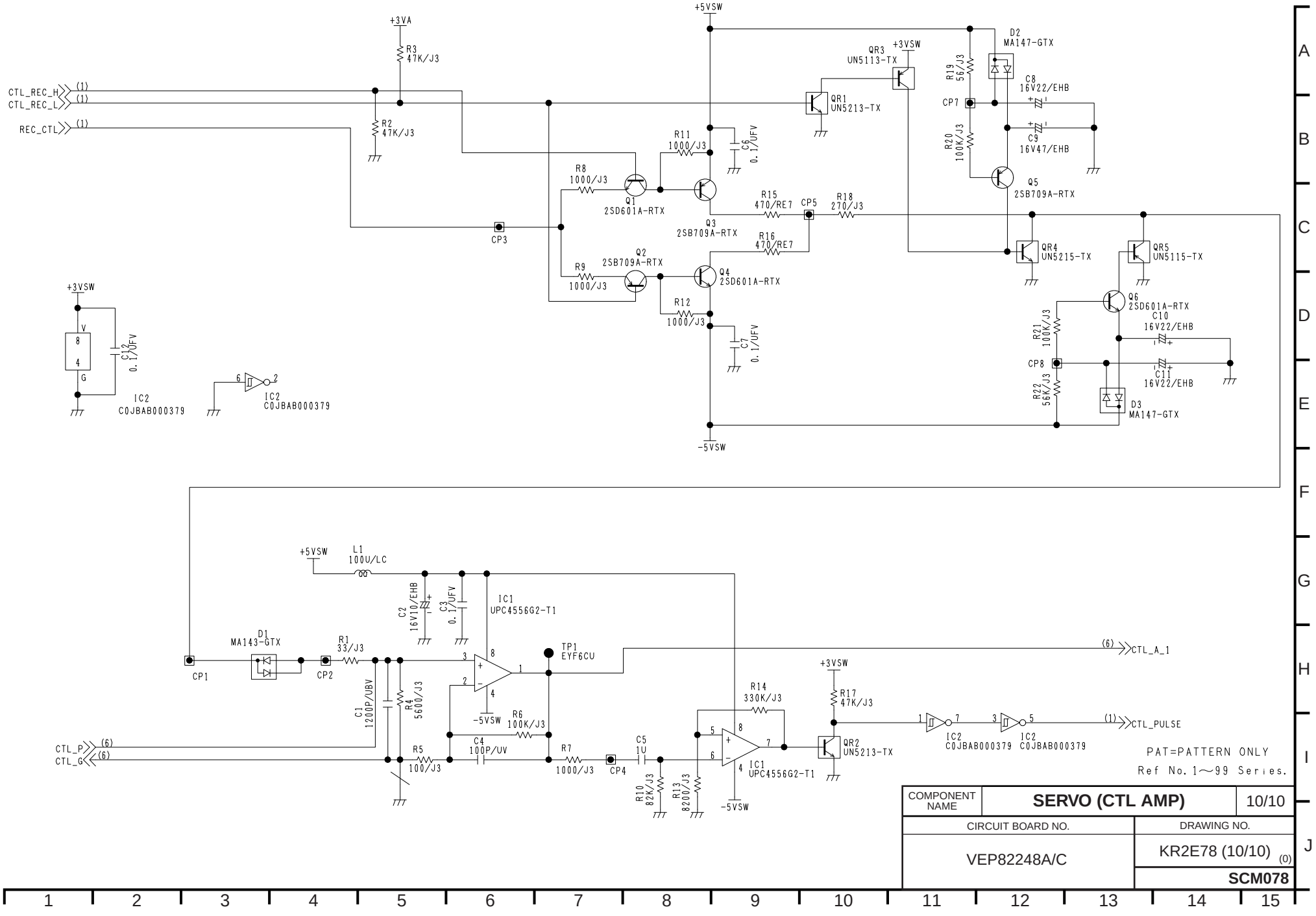
COMPONENT NAME	**SERVO (MECA SW/LOADING DRIVE)**	07/10
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82248A/C	KR2E78 (7/10) (0)	
	SCM075	



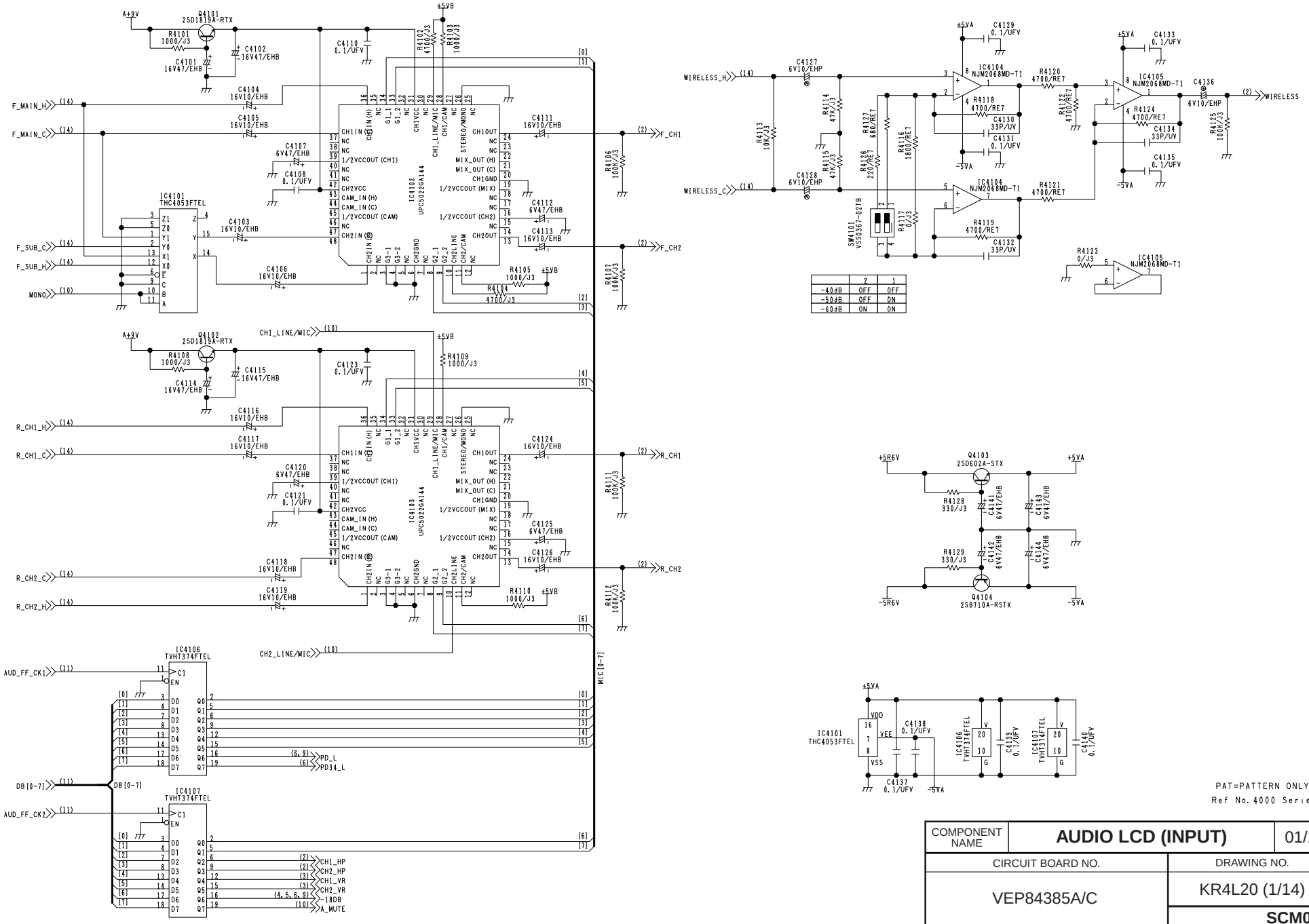
COMPONENT NAME	**SERVO (SOL DRIVE)**	08/10
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82248A/C	KR2E78 (8/10) (0)	
	SCM076	

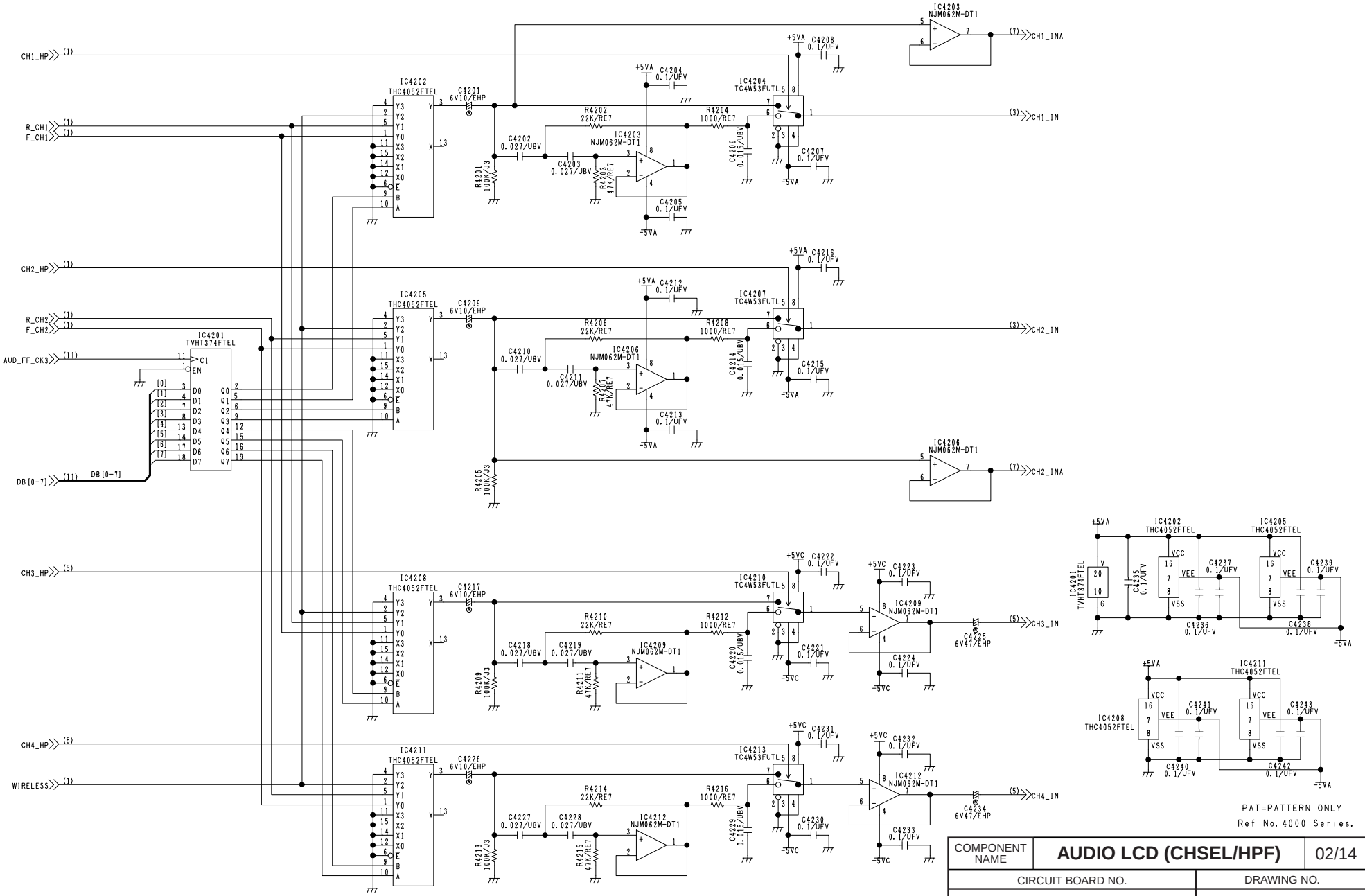


COMPONENT NAME	**SERVO (SERVO POWER, I/F)**	09/10
CIRCUIT BOARD NO.		DRAWING NO.
VEP82248A/C		KR2E78 (9/10) (0)
		SCM077

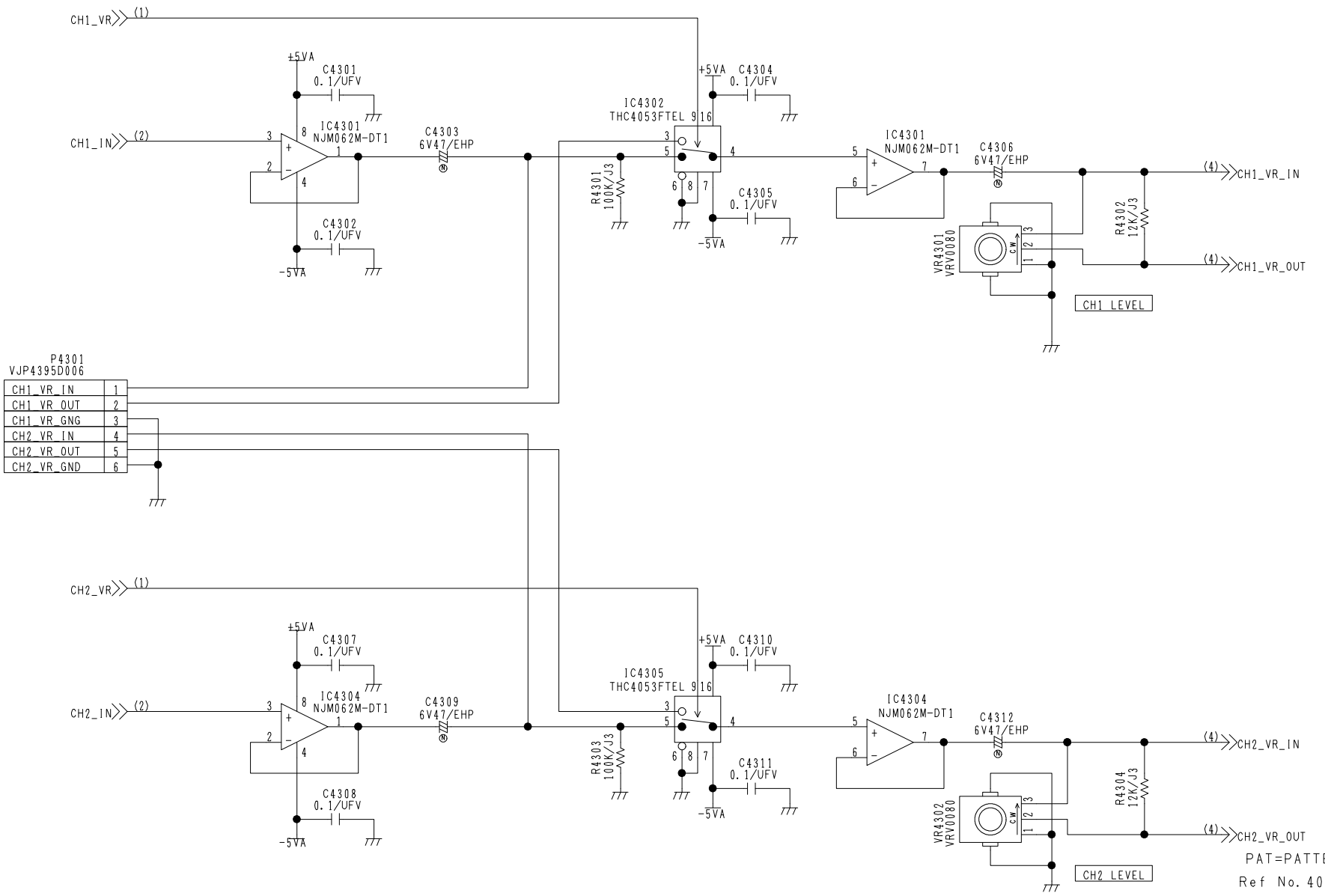


COMPONENT NAME	**SERVO (CTL AMP)**	10/10
CIRCUIT BOARD NO.	DRAWING NO.	
VEP82248A/C	KR2E78 (10/10) (0)	
	SCM078	

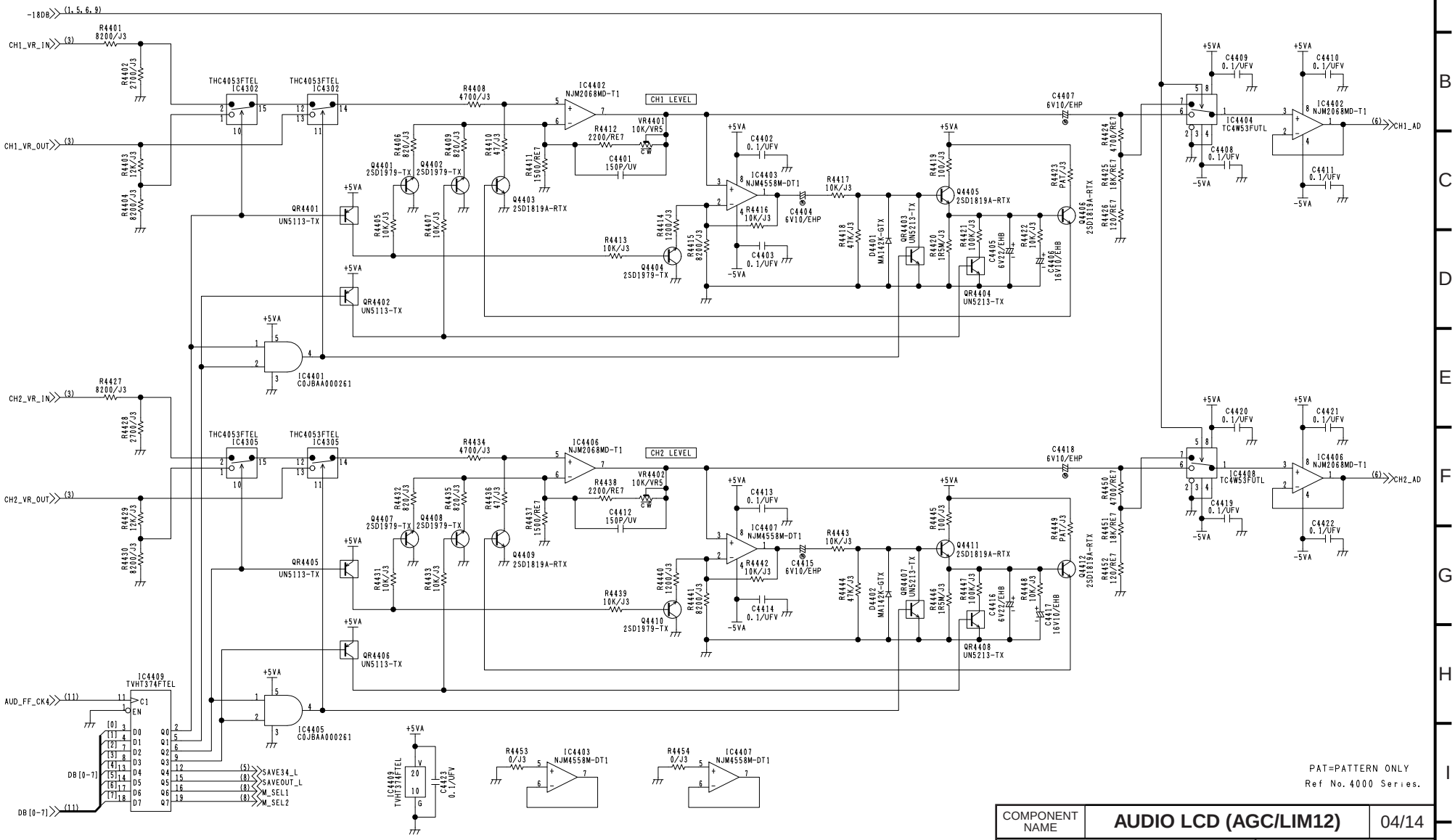

A+9V
Q4101
2SD1819A-RTX
R4101
1000/J3
C4101
16V47/EHB
C4102
16V47/EHB
C4110
0.1/UFV
R4102
4700/J3
R4103
1000/J3
±5VB
F_MAIN_H
F_MAIN_C
F_SUB_C
F_SUB_H
MONO
IC4101
THC4053FTEL
C4104
16V10/EHB
C4105
16V10/EHB
C4107
6V47/EHB
C4108
0.1/UFV
C4103
16V10/EHB
C4106
16V10/EHB
IC4102
UPC5022GA144
C4111
16V10/EHB
C4112
6V47/EHB
C4113
16V10/EHB
R4105
1000/J3
R4104
4700/J3
R4106
100K/J3
R4107
100K/J3
F_CH1
F_CH2
Q4102
2SD1819A-RTX
R4108
1000/J3
C4114
16V47/EHB
C4115
16V47/EHB
C4123
0.1/UFV
R4109
1000/J3
CH1_LINE/MIC
R_CH1_H
R_CH1_C
R_CH2_C
R_CH2_H
C4116
16V10/EHB
C4117
16V10/EHB
C4120
6V47/EHB
C4121
0.1/UFV
C4118
16V10/EHB
C4119
16V10/EHB
IC4103
UPC5022GA144
C4124
16V10/EHB
C4125
6V47/EHB
C4126
16V10/EHB
R4110
1000/J3
R4111
100K/J3
R4112
100K/J3
R_CH1
R_CH2
CH2_LINE/MIC
MIC[0-7]
IC4106
TVHT374FTEL
IC4107
TVHT374FTEL
AUD_FF_CK1
AUD_FF_CK2
DB[0-7]
PD_L
PD34_L
CH1_HP
CH2_HP
CH1_VR
CH2_VR
18DB
A_MUTE
WIRELESS_H
WIRELESS_C
C4127
6V10/EHP
C4128
6V10/EHP
IC4104
NJM2068MD-T1
R4113
10K/J3
R4114
47K/J3
R4115
47K/J3
R4116
180Ω/RE7
R4117
0/J3
R4118
4700/RE7
R4119
4700/RE7
R4120
4700/RE7
R4121
4700/RE7
R4122
4700/RE7
R4123
0/J3
R4124
4700/RE7
R4125
100K/J3
R4126
220Ω/RE7
R4127
680Ω/RE7
C4130
33P/UV
C4131
0.1/UFV
C4132
33P/UV
C4133
0.1/UFV
C4134
33P/UV
C4135
0.1/UFV
C4136
6V10/EHP
C4129
0.1/UFV
SW4101
VSS0367-02TB
-40dB OFF OFF
-50dB OFF ON
-60dB ON ON
WIRELESS
Q4103
2SD602A-STX
Q4104
2SB710A-RSTX
R4128
330/J3
R4129
330/J3
C4141
6V47/EHB
C4142
6V47/EHB
C4143
6V47/EHB
C4144
6V47/EHB
+5R6V
-5R6V
+5VA
-5VA
IC4101
THC4053FTEL
C4138
0.1/UFV
C4137
0.1/UFV
C4139
0.1/UFV
C4140
0.1/UFV
VDD
VEE
VSS
PAT=PATTERN ONLY
Ref No. 4000 Series.
COMPONENT NAME
AUDIO LCD (INPUT)
01/14
CIRCUIT BOARD NO.
VEP84385A/C
DRAWING NO.
KR4L20 (1/14) (0)
SCM079



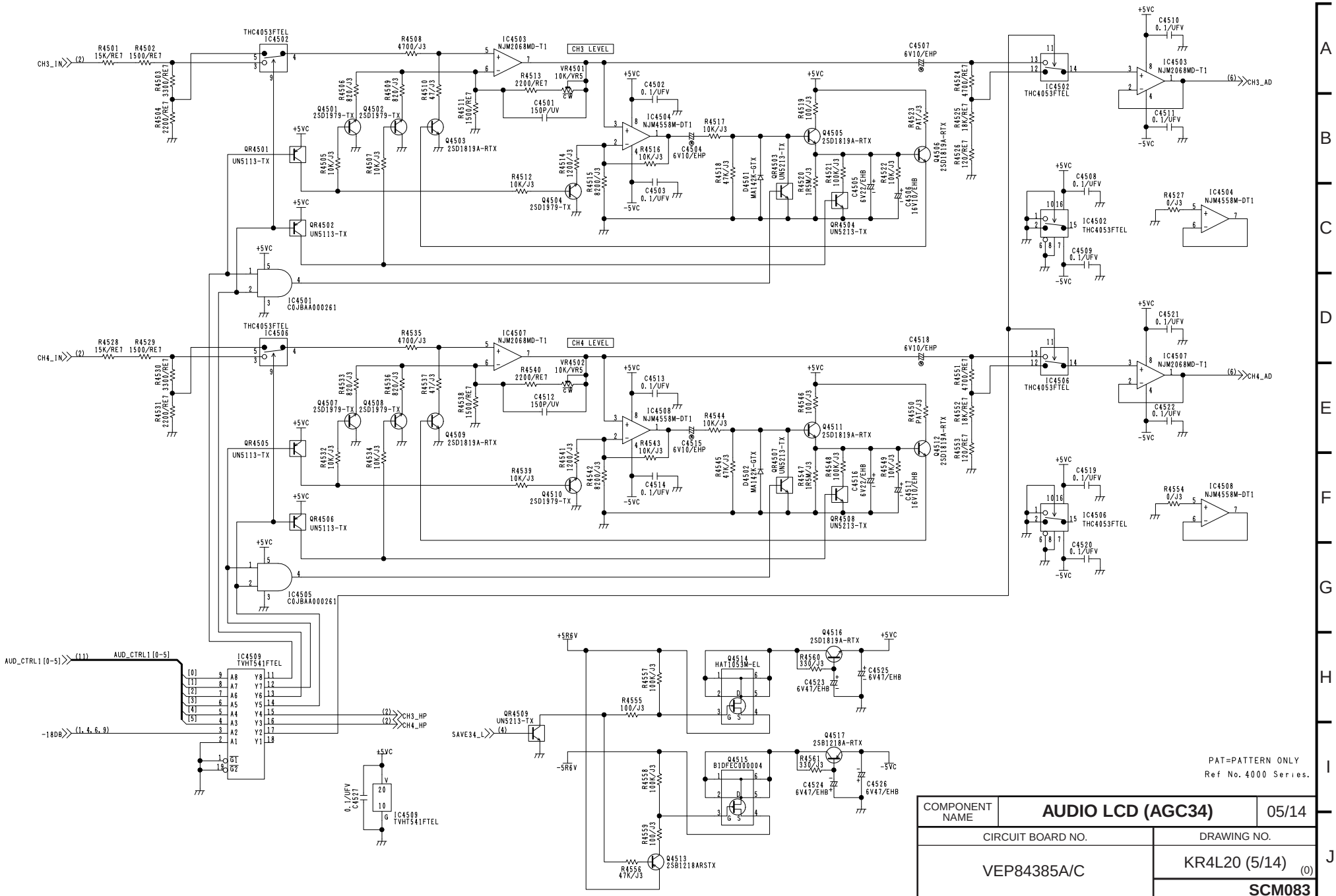
COMPONENT NAME	AUDIO LCD (CHSEL/HPF)	02/14
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84385A/C	KR4L20 (2/14) (0)	
	SCM080	



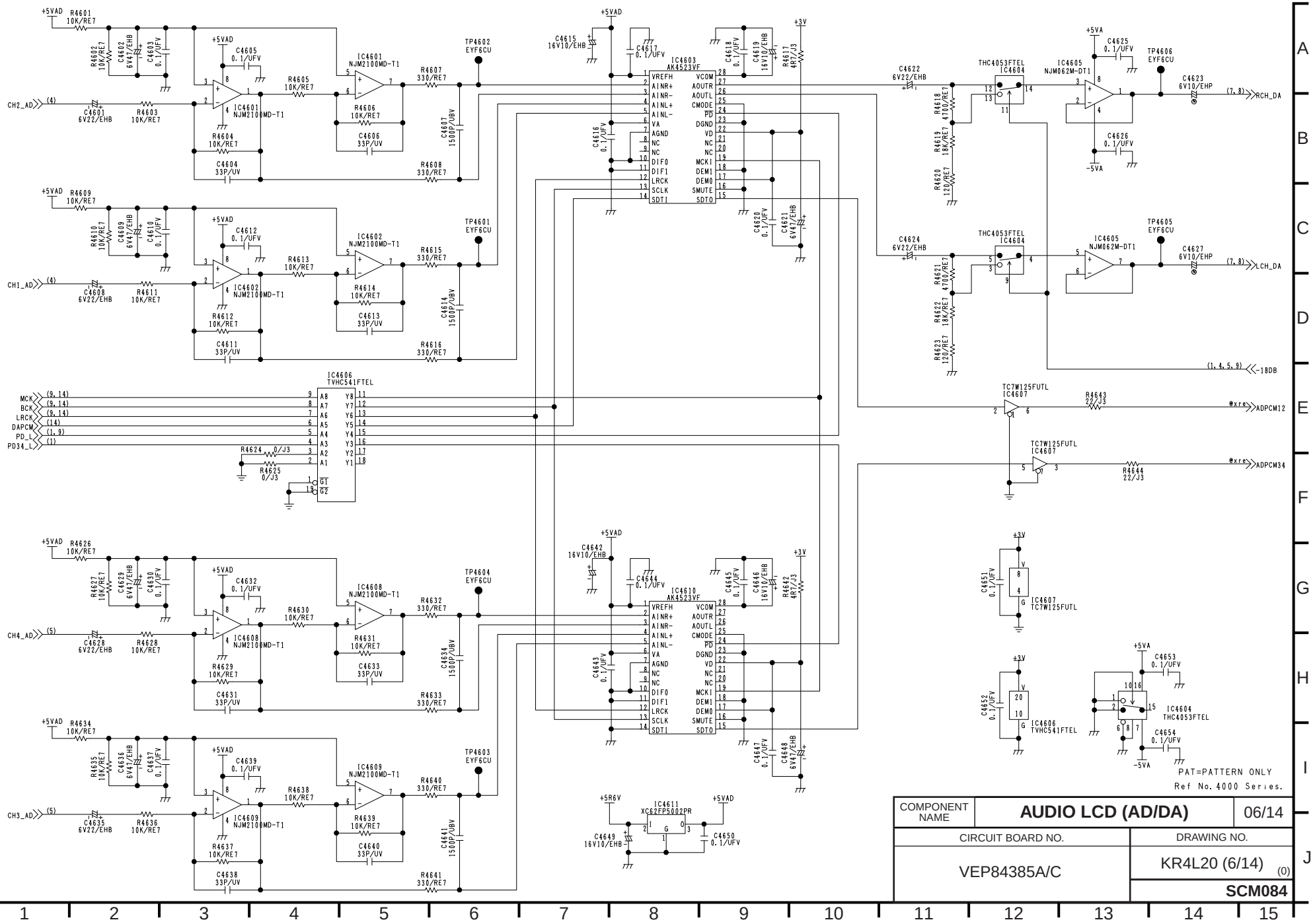
COMPONENT NAME	AUDIO LCD (VR)	03/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (3/14) (0)
		SCM081



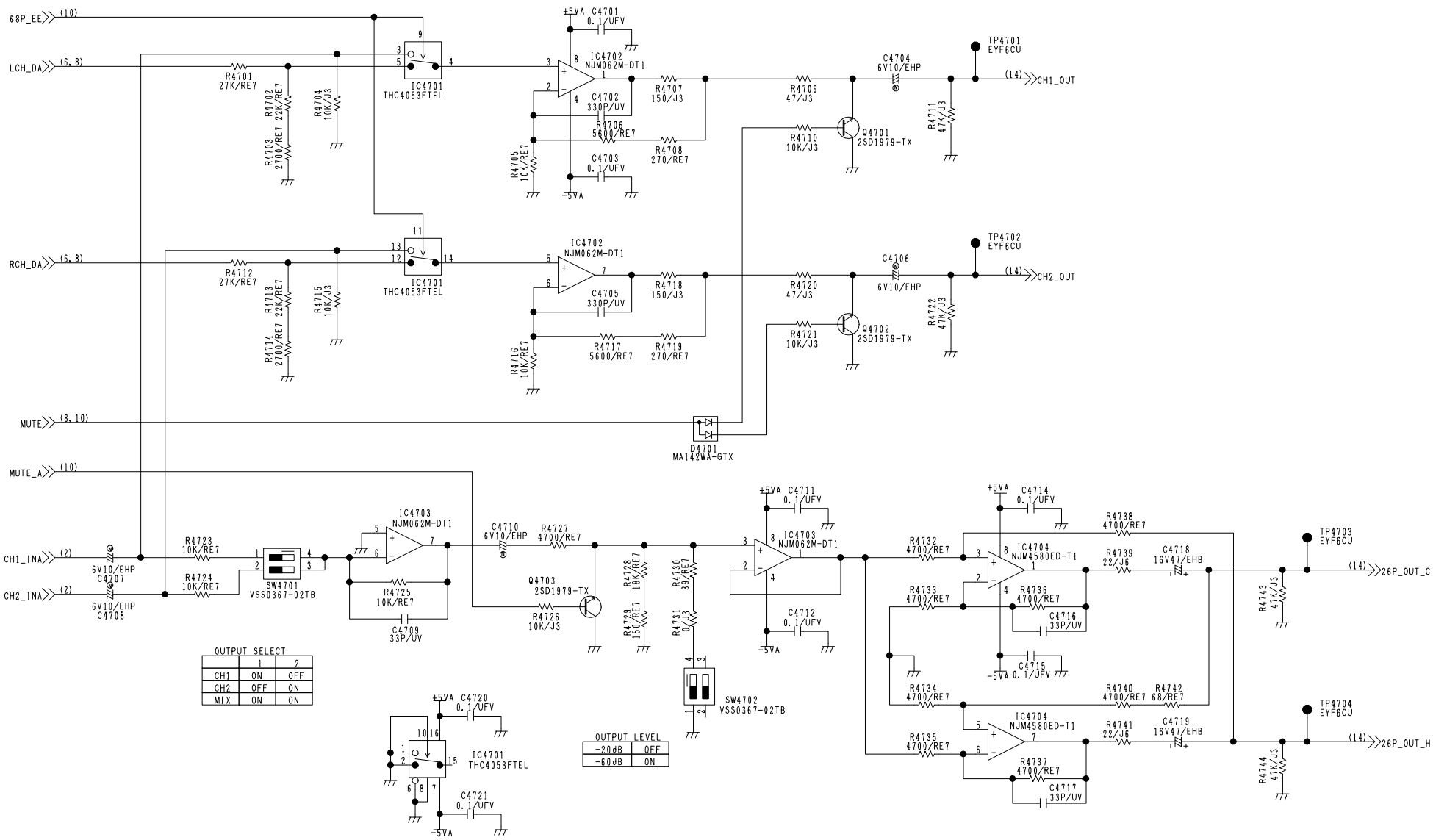
COMPONENT NAME	AUDIO LCD (AGC/LIM12)	04/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (4/14) (0)
		SCM082



COMPONENT NAME	**AUDIO LCD (AGC34)**	05/14
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84385A/C	KR4L20 (5/14) (0)	
	SCM083	



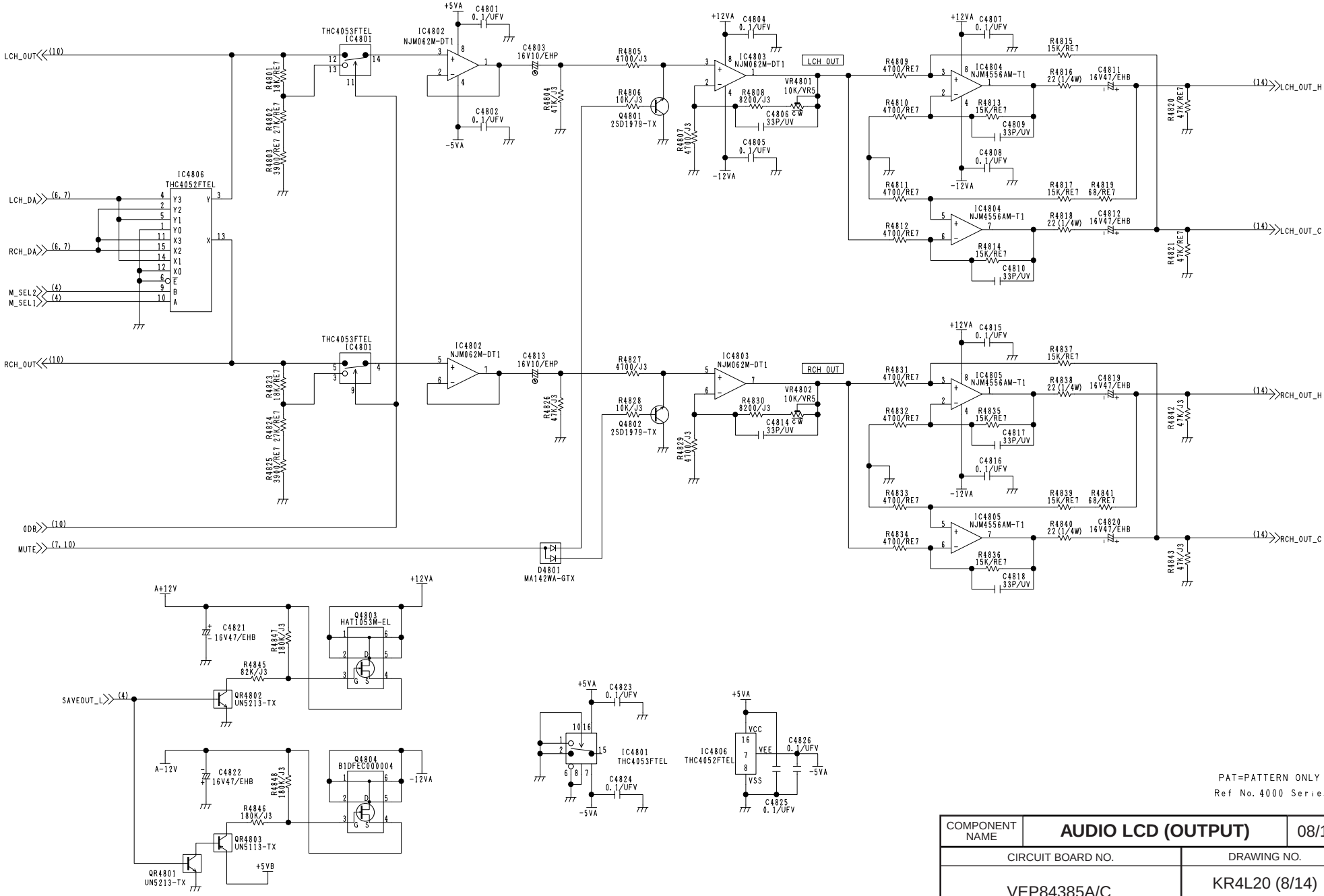
COMPONENT NAME	**AUDIO LCD (AD/DA)**	06/14
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84385A/C	KR4L20 (6/14) (0)	
	SCM084	

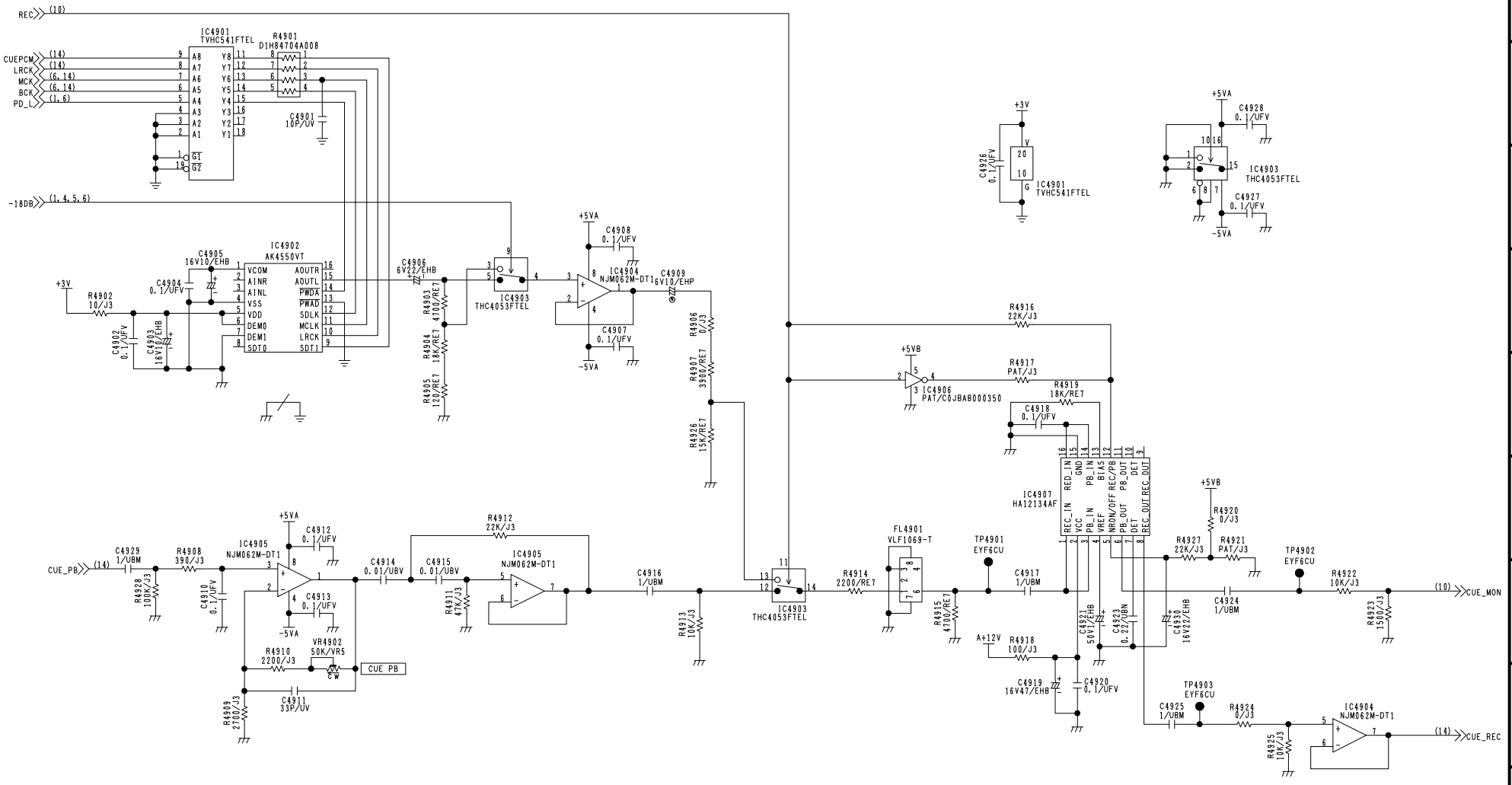


OUTPUT SELECT	1	2
CH1	ON	OFF
CH2	OFF	ON
MIX	ON	ON

OUTPUT LEVEL	
-20dB	OFF
-60dB	ON

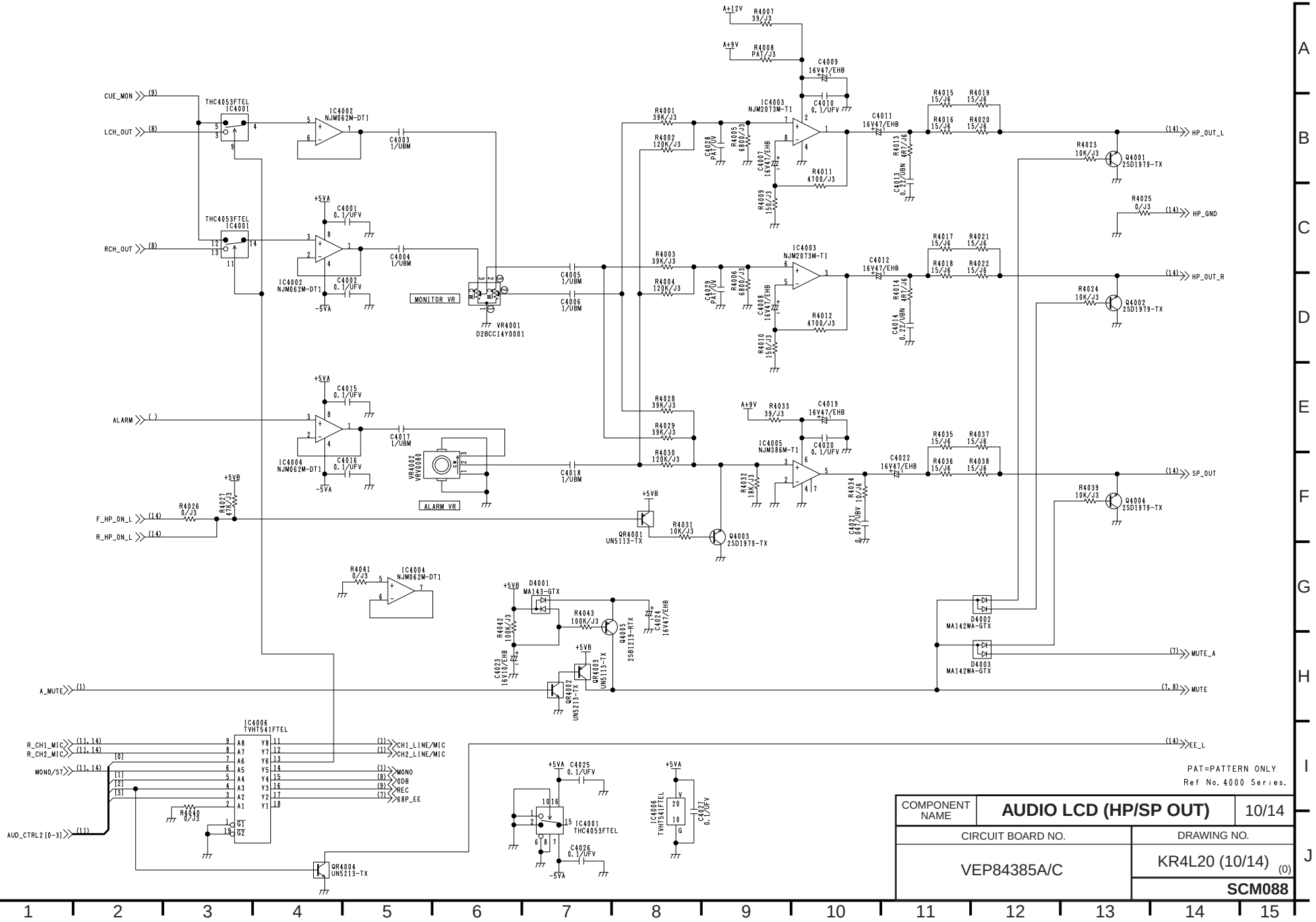
COMPONENT NAME	**AUDIO LCD (REC SIG OUT)**	07/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (7/14) (0)
		SCM085


LCH_OUT
RCH_OUT
LCH_DA
RCH_DA
M_SEL2
M_SEL1
ODB
MUTE
IC4806 THC4052FTEL
THC4053FTEL IC4801
IC4802 NJM062M-DT1
IC4803 NJM062M-DT1
IC4804 NJM4556AM-T1
IC4805 NJM4556AM-T1
Q4801 2SD1979-TX
Q4802 2SD1979-TX
D4801 MA142WA-GTX
LCH_OUT_H
LCH_OUT_C
RCH_OUT_H
RCH_OUT_C
A+12V
A-12V
+12V
-12V
+5V
-5V
+5VB
SAVEOUT_L
Q4803 HAT1053M-EL
Q4804 B1DFEC000004
QR4801 UN5213-TX
QR4802 UN5213-TX
QR4803 UN5113-TX
IC4801 THC4053FTEL
IC4806 THC4052FTEL
PAT=PATTERN ONLY
Ref No. 4000 Series.
COMPONENT NAME
AUDIO LCD (OUTPUT)
08/14
CIRCUIT BOARD NO.
VEP84385A/C
DRAWING NO.
KR4L20 (8/14) (0)
SCM086

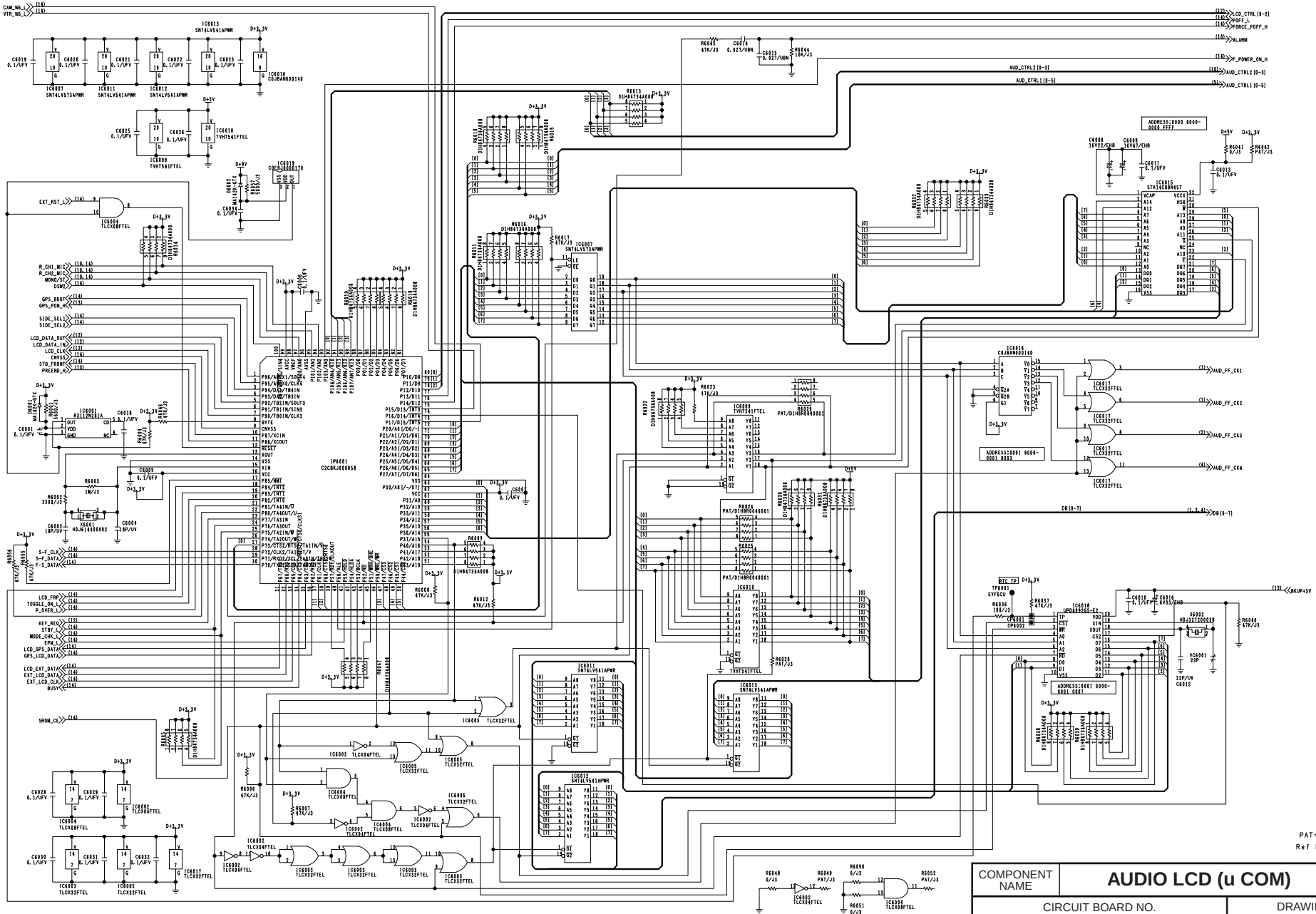


PAT=PATTERN ONLY
Ref No. 4000 Series.

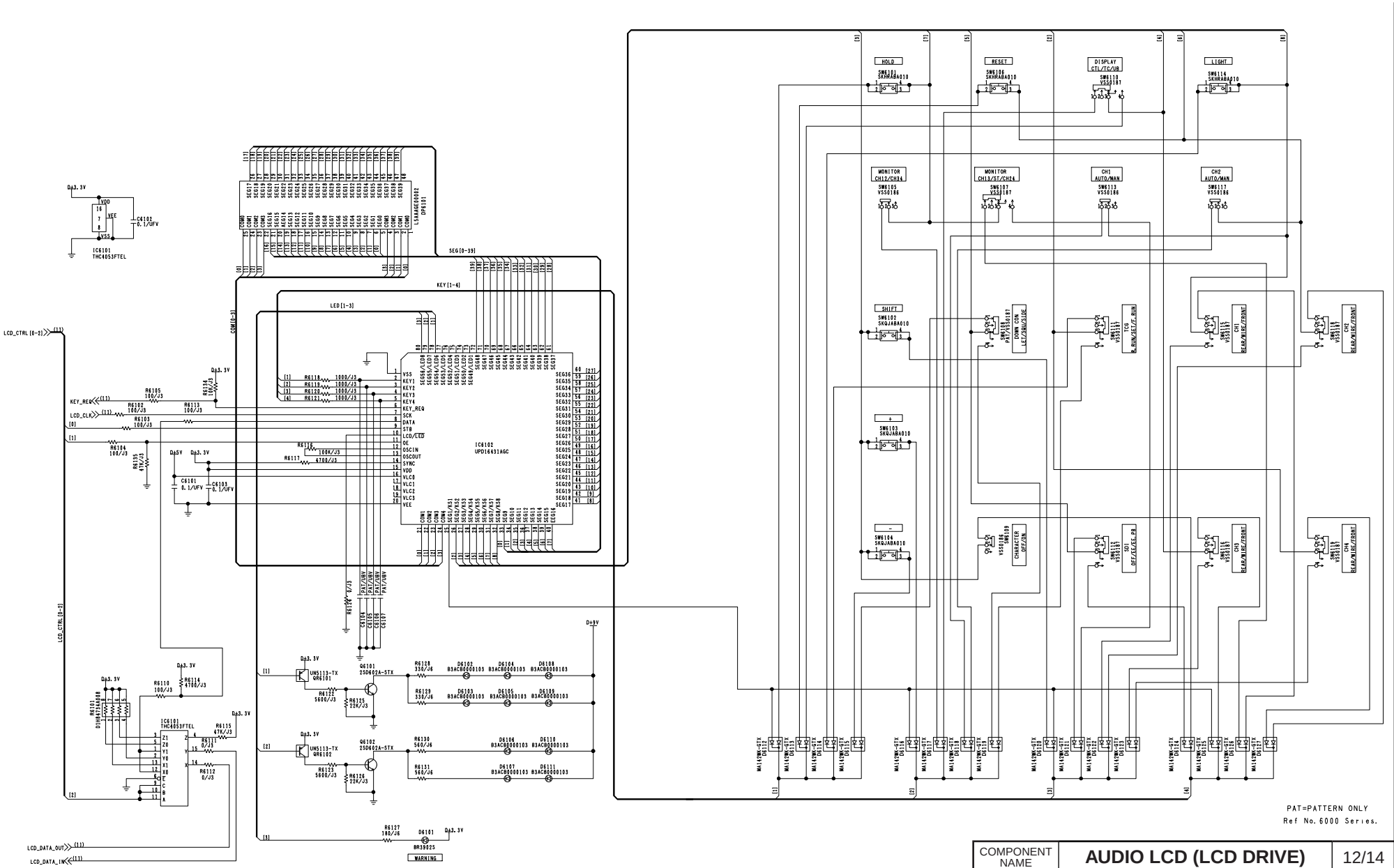
COMPONENT NAME	AUDIO LCD (CUE)	09/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (9/14) (0)
		SCM087



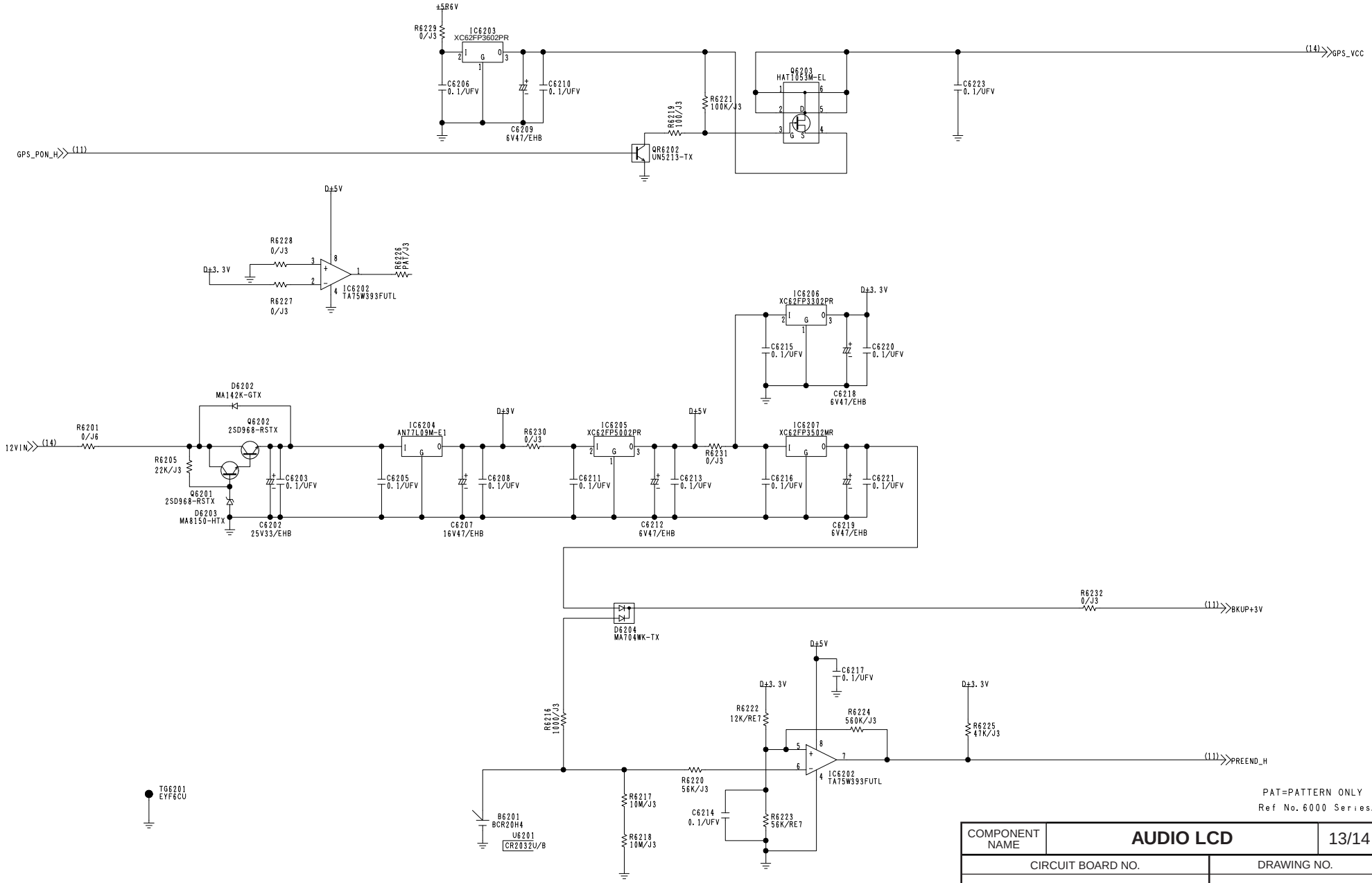
COMPONENT NAME	AUDIO LCD (HP/SP OUT)	10/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (10/14) (0)
		SCM088



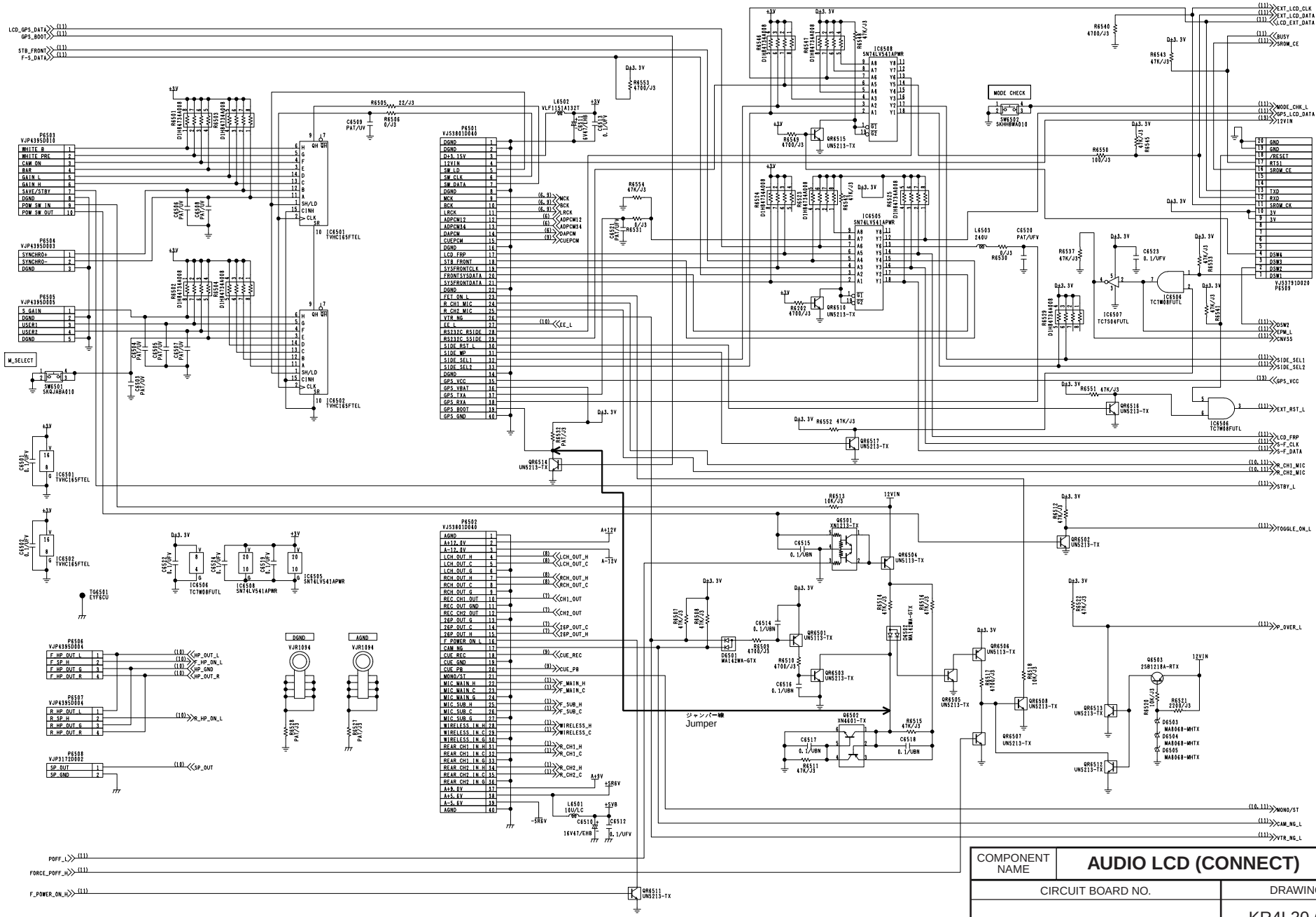
COMPONENT NAME	**AUDIO LCD (u COM)**	11/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (11/14) (0)
		SCM089

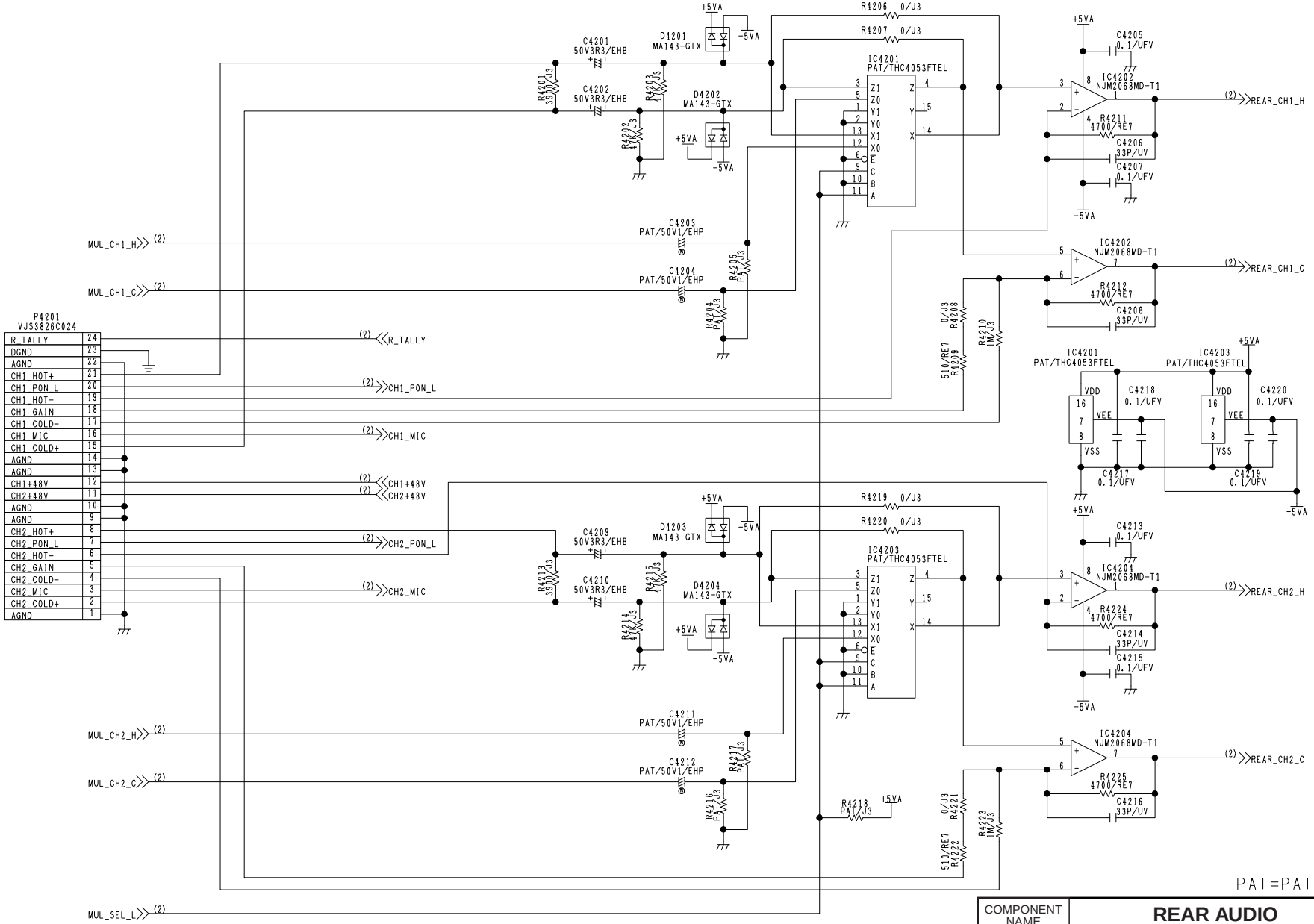


COMPONENT NAME	**AUDIO LCD (LCD DRIVE)**	12/14
CIRCUIT BOARD NO.	DRAWING NO.	
VEP84385A/C	KR4L20 (12/14) (0)	
	SCM090	



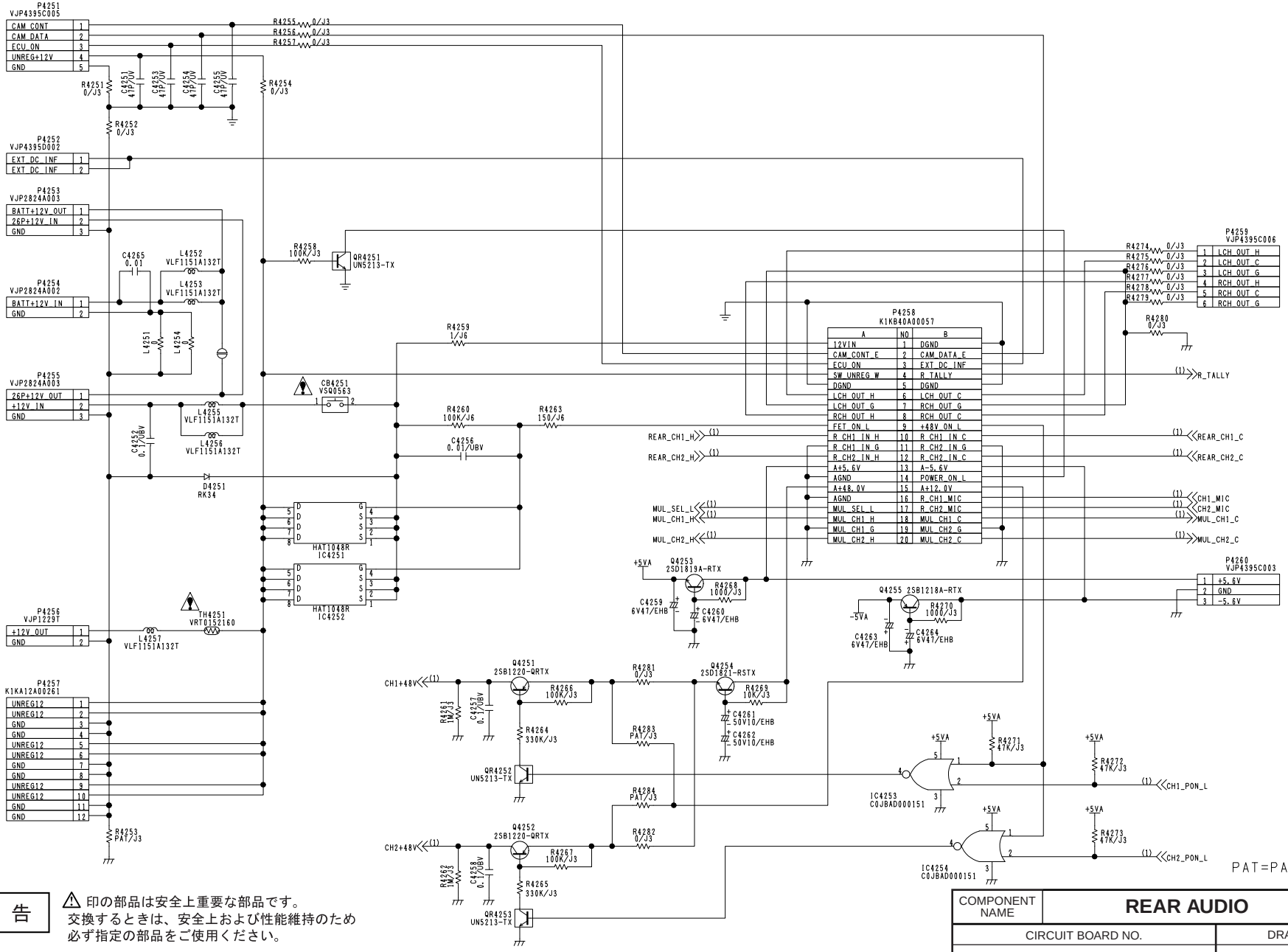
COMPONENT NAME	**AUDIO LCD**	13/14
CIRCUIT BOARD NO.		DRAWING NO.
VEP84385A/C		KR4L20 (13/14) (0)
		SCM091


P6503
VJP4395D010
WHITE_B
WHITE_PRE
CAM_ON
BAR
GAIN_L
GAIN_H
SAVE/STBY
DGND
POW_SW_IN
POW_SW_OUT
P6504
VJP4395D003
SYNCHRO+
SYNCHRO-
DGND
P6505
VJP4395D005
S_GAIN
DGND
USER1
USER2
DGND
M_SELECT
SW6501
SKQJABA010
P6501
VJS3801D040
DGND
MCK
BCK
LRCK
ADPCM12
ADPCM34
DAPCM
CUEPCM
LCD_FRP
STB_FRONT
SYSFRONTCLK
FRONTSYSDATA
SYSFRONTDATA
FLT_ON_L
R_CH1_MIC
R_CH2_MIC
VTR_NG
EE_L
RS232C_RSIDE
RS232C_SSIDE
SIDE_RST_L
SIDE_MP
SIDE_SEL1
SIDE_SEL2
GPS_VCC
GPS_VBAT
GPS_TXA
GPS_RXA
GPS_BOOT
GPS_GND
P6502
VJS3801D040
AGND
A+12.8V
A-12.8V
LCH_OUT_H
LCH_OUT_C
LCH_OUT_G
RCH_OUT_H
RCH_OUT_C
RCH_OUT_G
REC_CH1_OUT
REC_OUT_GND
REC_CH2_OUT
26P_OUT_G
26P_OUT_C
26P_OUT_H
F_POWER_ON_L
CAM_NG
CUE_REC
CUE_GND
CUE_PB
MONO/ST
MIC_MAIN_H
MIC_MAIN_C
MIC_MAIN_G
MIC_SUB_H
MIC_SUB_C
MIC_SUB_G
WIRELESS_IN_H
WIRELESS_IN_C
WIRELESS_IN_G
REAR_CH1_IN_H
REAR_CH1_IN_C
REAR_CH1_IN_G
REAR_CH2_IN_H
REAR_CH2_IN_C
REAR_CH2_IN_G
A+9.6V
A+5.6V
A-5.6V
AGND
P6506
VJP4395D004
F_HP_OUT_L
F_SP_H
F_HP_OUT_G
F_HP_OUT_R
P6507
VJP4395D004
R_HP_OUT_L
R_SP_H
R_HP_OUT_G
R_HP_OUT_R
P6508
VJP3172D002
SP_OUT
SP_GND
P6509
VJP4395D010
P6510
VJP4395D003
P6511
VJP4395D005
P6512
VJP4395D004
P6513
VJP4395D004
P6514
VJP3172D002
P6515
VJP4395D010
P6516
VJP4395D003
P6517
VJP4395D005
P6518
VJP4395D004
P6519
VJP4395D004
P6520
VJP3172D002
P6521
VJP4395D010
P6522
VJP4395D003
P6523
VJP4395D005
P6524
VJP4395D004
P6525
VJP4395D004
P6526
VJP3172D002



PAT=PATTERN ONLY

COMPONENT NAME	REAR AUDIO	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP84386A		KR4L21 (1/2) (0)
		SCM093



⚠ 警 告

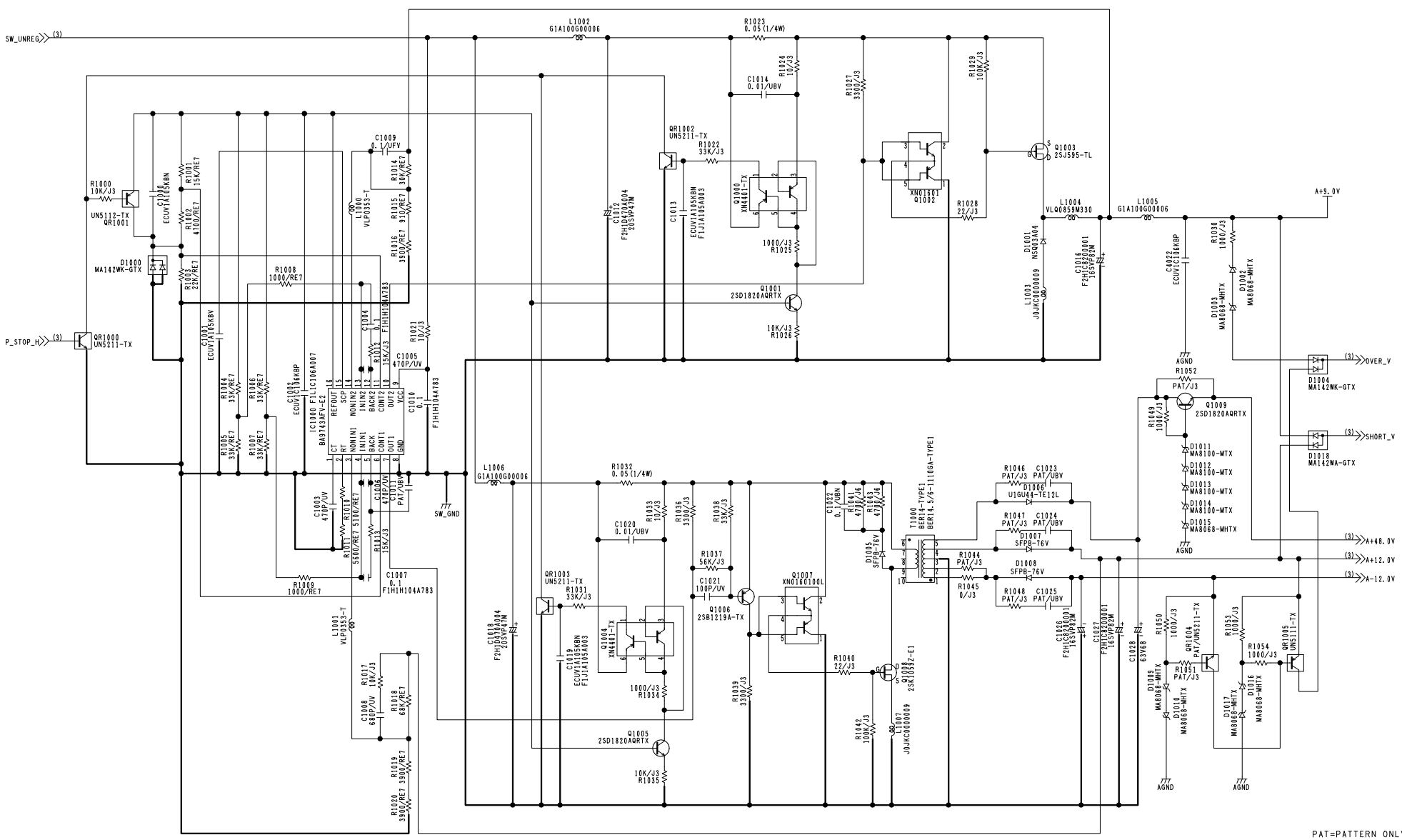
⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

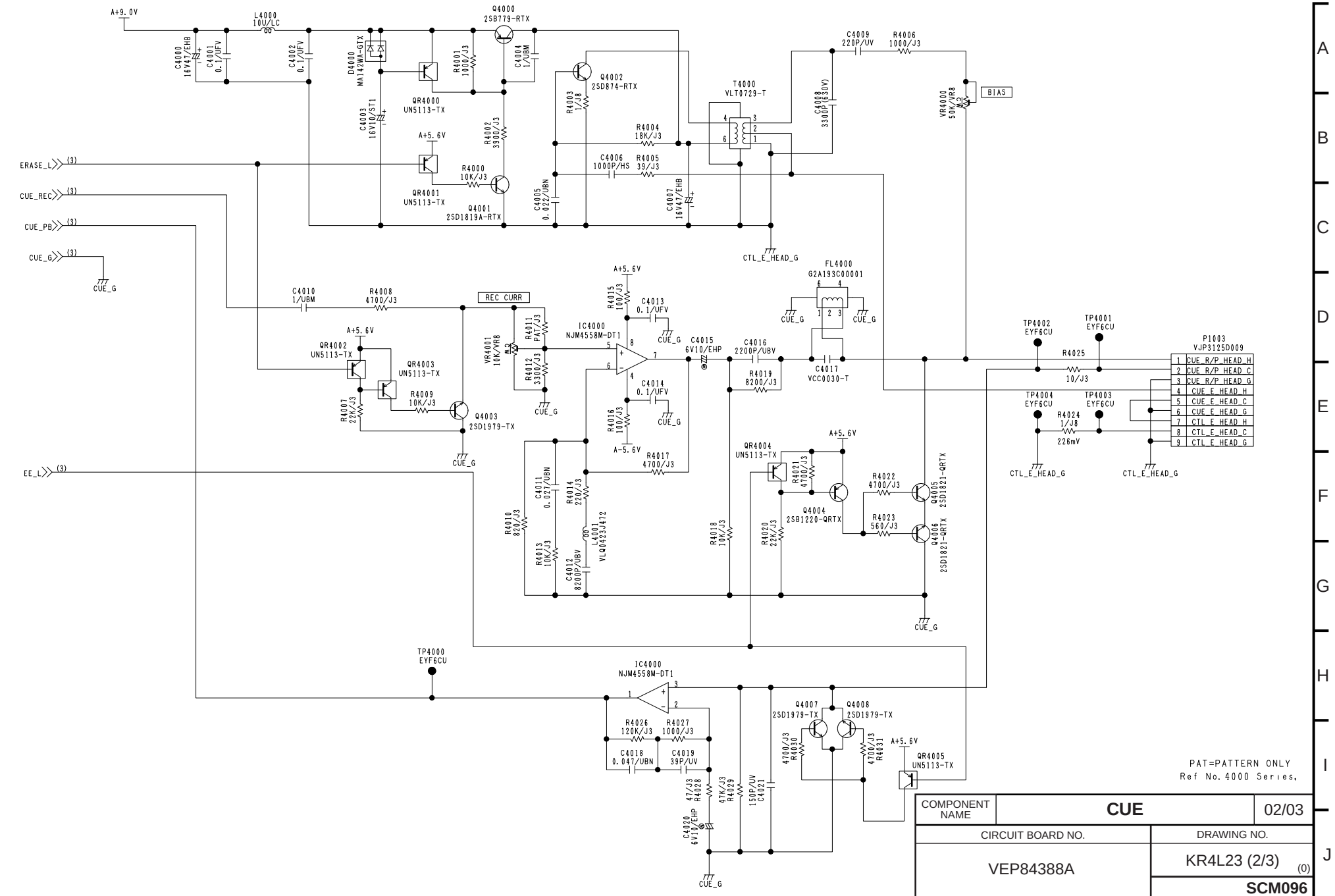
COMPONENT NAME	REAR AUDIO	02/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP84386A		KR4L21 (2/2) (0)
		SCM094

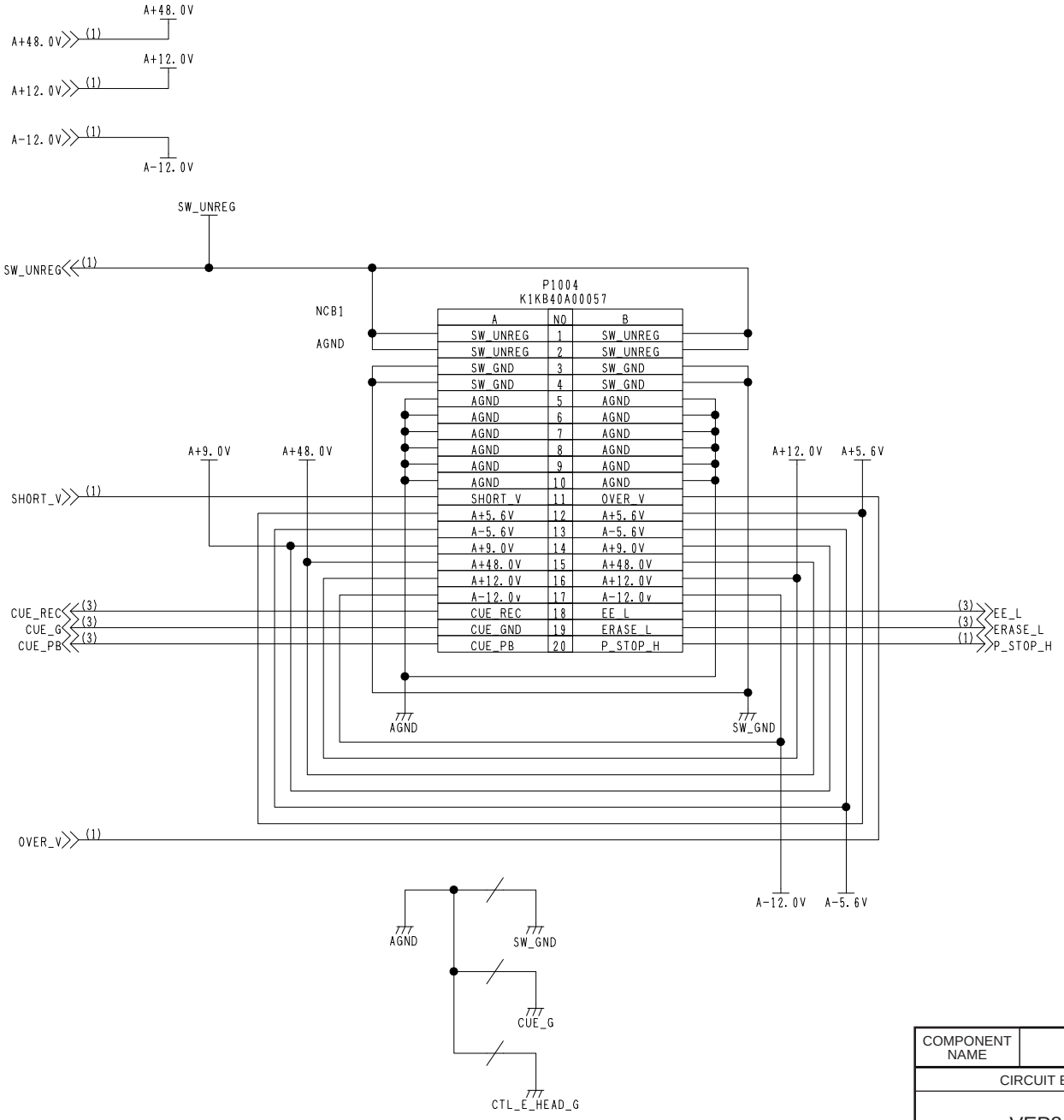
A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



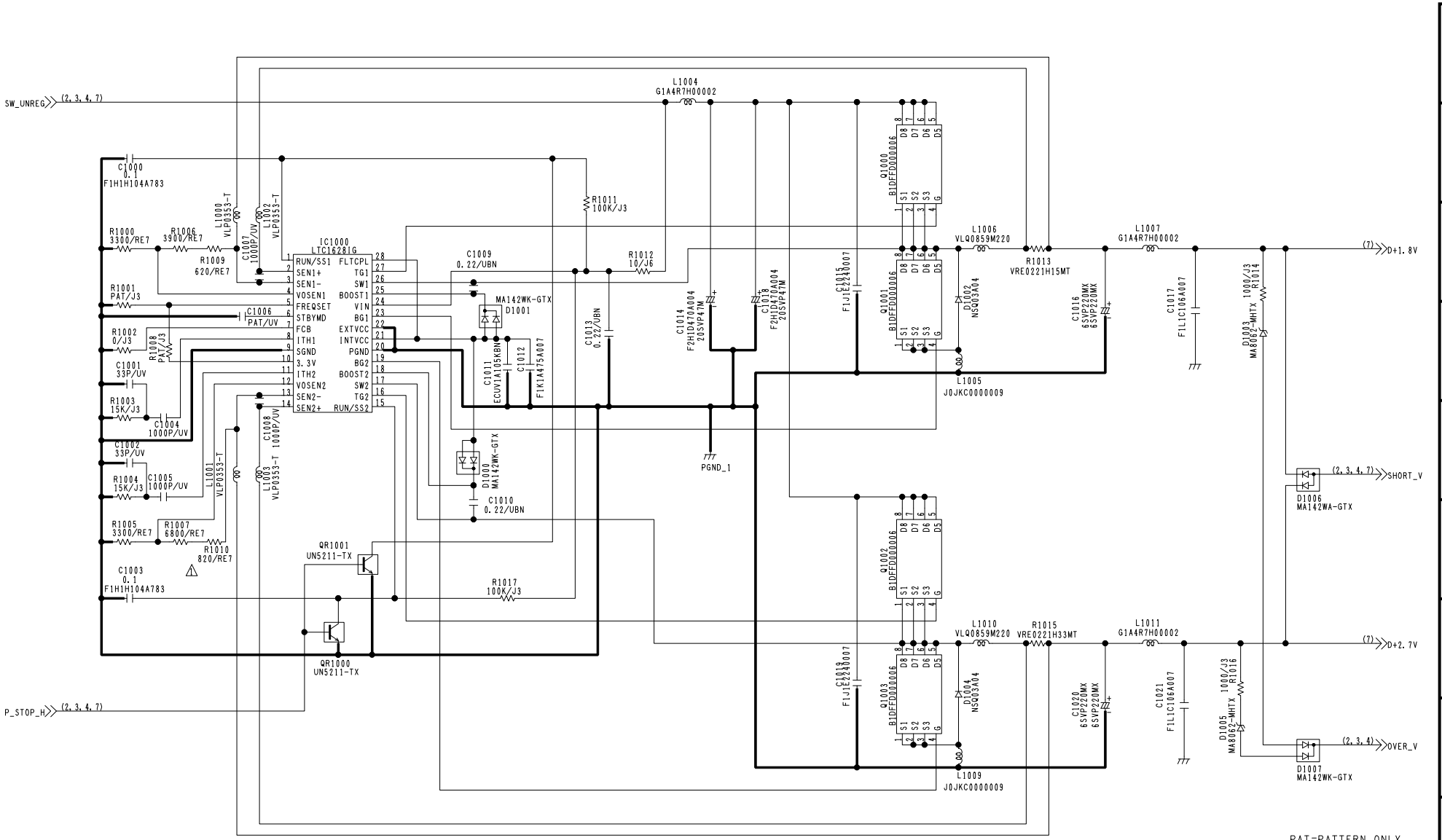
COMPONENT NAME	CUE	01/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP84388A		KR4L23 (1/3) (0)
		SCM095


A+9.0V
L4000 10U/LC
C4000 16V47/EHB
C4001 0.1/UFV
C4002 0.1/UFV
D4000 MA142MA-GTX
Q4000 2SB779-RTX
C4004 1/UBM
R4001 1000/J3
QR4000 UN5113-TX
C4003 16V10/ST1
R4002 3300/J3
A+5.6V
QR4001 UN5113-TX
R4000 10K/J3
Q4001 2SD1819A-RTX
Q4002 2SD874-RTX
R4003 1/J8
T4000 VLT0729-T
C4009 220P/UV
R4006 1000/J3
C4008 330P(630V)
VR4000 50K/VR8
BIAS
R4004 18K/J3
C4006 1000P/HS
R4005 39/J3
C4005 0.022/UBN
C4007 16V47/EHB
CTL_E_HEAD_G
ERASE_L (3)
CUE_REC (3)
CUE_PB (3)
CUE_G (3)
CUE_G
C4010 1/UBM
R4008 4700/J3
REC CURR
A+5.6V
QR4002 UN5113-TX
QR4003 UN5113-TX
R4009 10K/J3
Q4003 2SD1979-TX
R4007 22K/J3
VR4001 10K/VR8
R4011 PAT/J3
R4012 3300/J3
IC4000 NJM4558M-DT1
R4015 100/J3
C4013 0.1/UFV
C4014 0.1/UFV
R4016 100/J3
A-5.6V
R4017 4700/J3
C4015 6V10/EHP
C4016 2200P/UBV
R4019 8200/J3
C4017 VCC0030-T
FL4000 G2A193C00001
TP4002 EYF6CU
TP4001 EYF6CU
R4025 10/J3
TP4004 EYF6CU
TP4003 EYF6CU
R4024 1/J8 226mV
P1003 VJP3125D009
1 CUE_R/P_HEAD_H
2 CUE_R/P_HEAD_C
3 CUE_R/P_HEAD_G
4 CUE_E_HEAD_H
5 CUE_E_HEAD_C
6 CUE_E_HEAD_G
7 CTL_E_HEAD_H
8 CTL_E_HEAD_C
9 CTL_E_HEAD_G
CTL_E_HEAD_G
CTL_E_HEAD_G
EE_L (3)
C4011 0.027/UBN
R4014 220/J3
R4010 820/J3
R4013 10K/J3
L4001 VLQ0423J4172
C4012 8200P/UBV
QR4004 UN5113-TX
R4021 4700/J3
Q4004 2SB1220-QRTX
R4022 4700/J3
R4023 560/J3
Q4005 2SD1821-QRTX
Q4006 2SD1821-QRTX
R4018 10K/J3
R4020 22K/J3
TP4000 EYF6CU
IC4000 NJM4558M-DT1
R4026 120K/J3
R4027 1000/J3
C4018 0.047/UBN
C4019 39P/UV
R4028 47K/J3
R4029 47K/J3
C4020 6V10/EHP
C4021 150P/UV
Q4007 2SD1979-TX
Q4008 2SD1979-TX
R4030 4700/J3
R4031 4700/J3
QR4005 UN5113-TX
PAT=PATTERN ONLY
Ref No. 4000 Series,
COMPONENT NAME
CUE
02/03
CIRCUIT BOARD NO.
VEP84388A
DRAWING NO.
KR4L23 (2/3) (0)
SCM096
A B C D E F G H I J
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



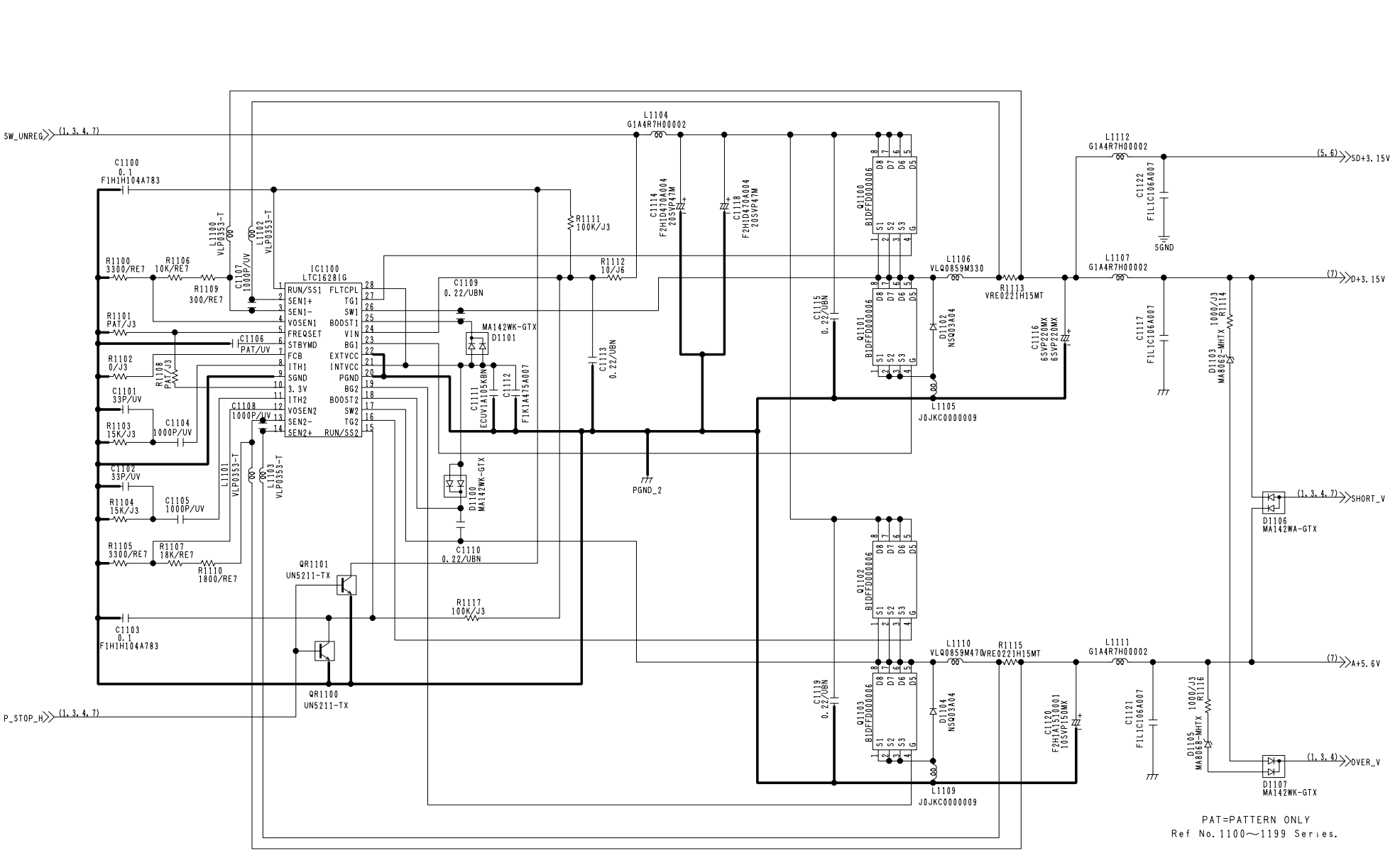
Ref No. 1000 Series,

COMPONENT NAME	CUE	03/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP84388A		KR4L23 (3/3) (0)
		SCM097

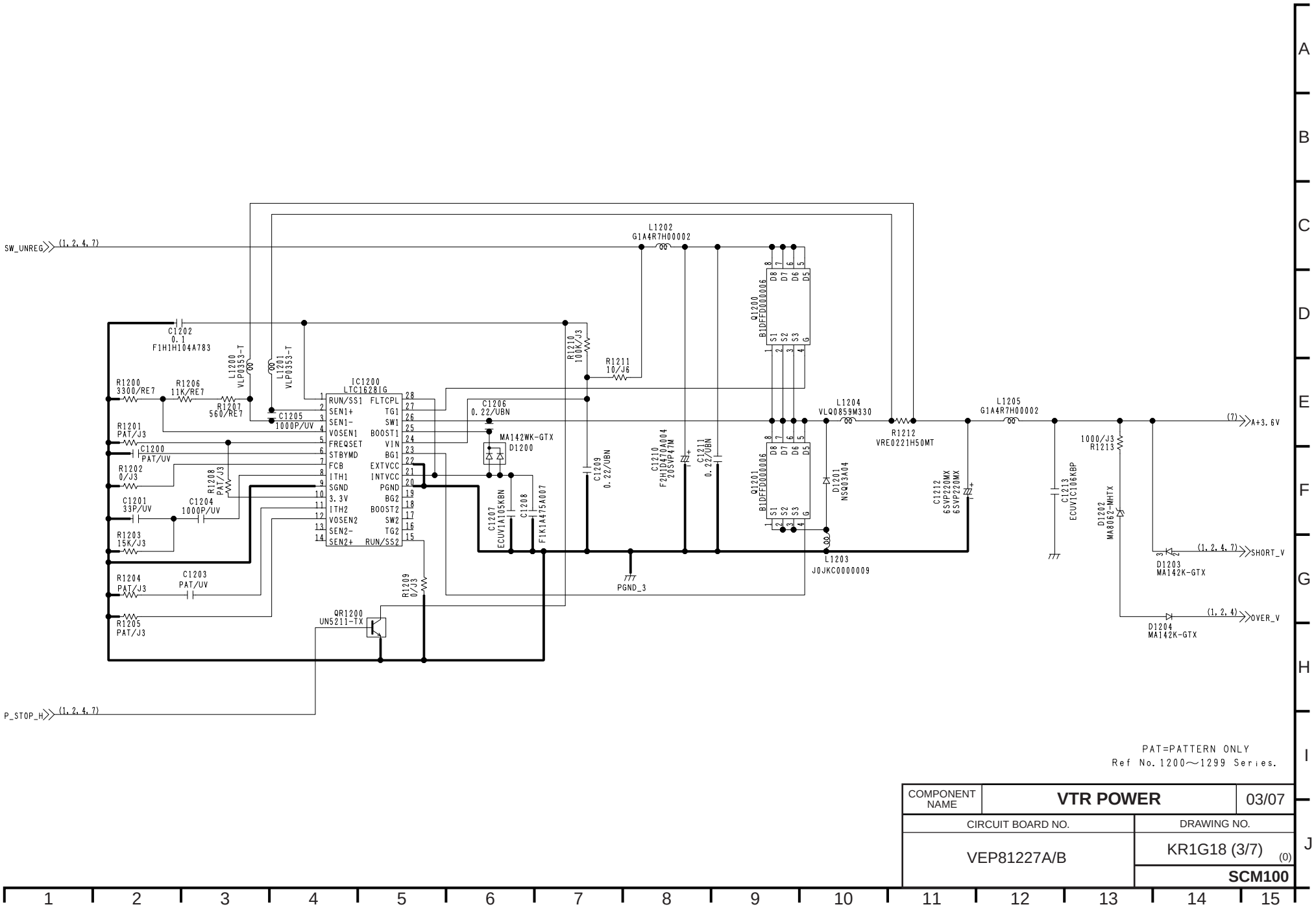


PAT=PATTERN ONLY
Ref No. 1000～1099 Series.

COMPONENT NAME	VTR POWER	01/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP81227A/B		KR1G18 (1/7) (0)
		SCM098

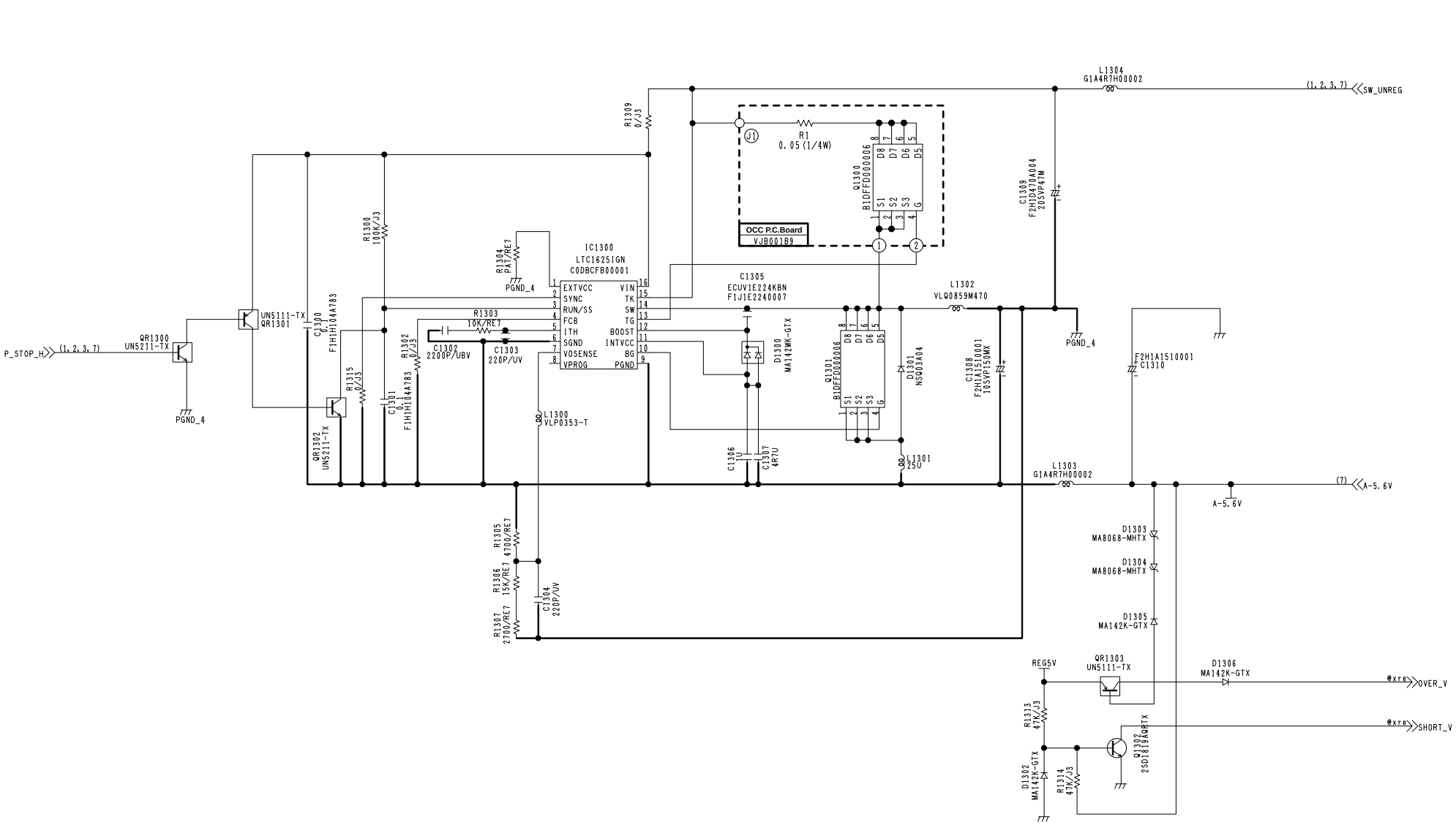


COMPONENT NAME	VTR POWER	02/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP81227A/B		KR1G18 (2/7) (0)
		SCM099



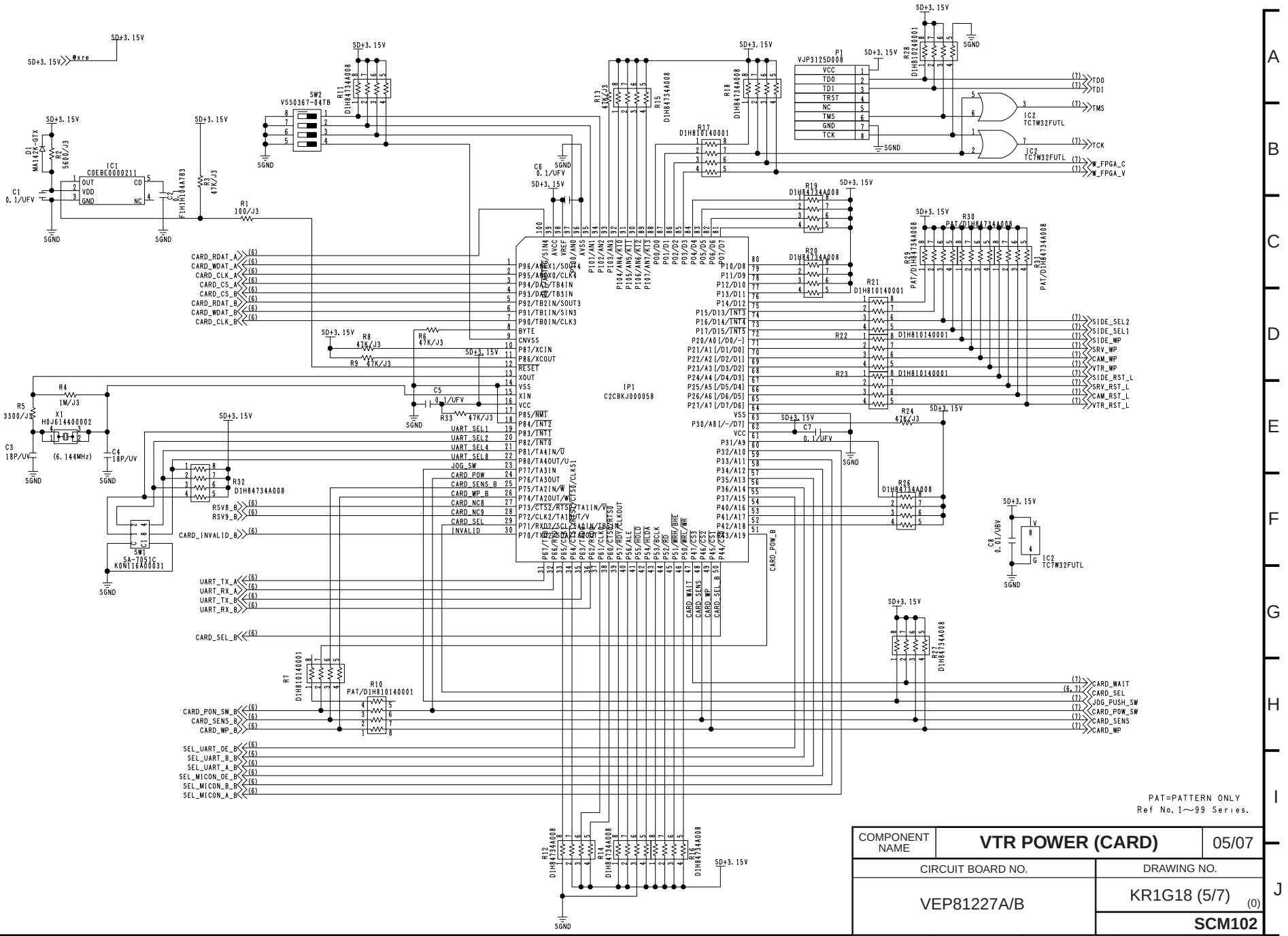
PAT=PATTERN ONLY
Ref No. 1200～1299 Series.

COMPONENT NAME	VTR POWER	03/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP81227A/B		KR1G18 (3/7) (0)
		SCM100

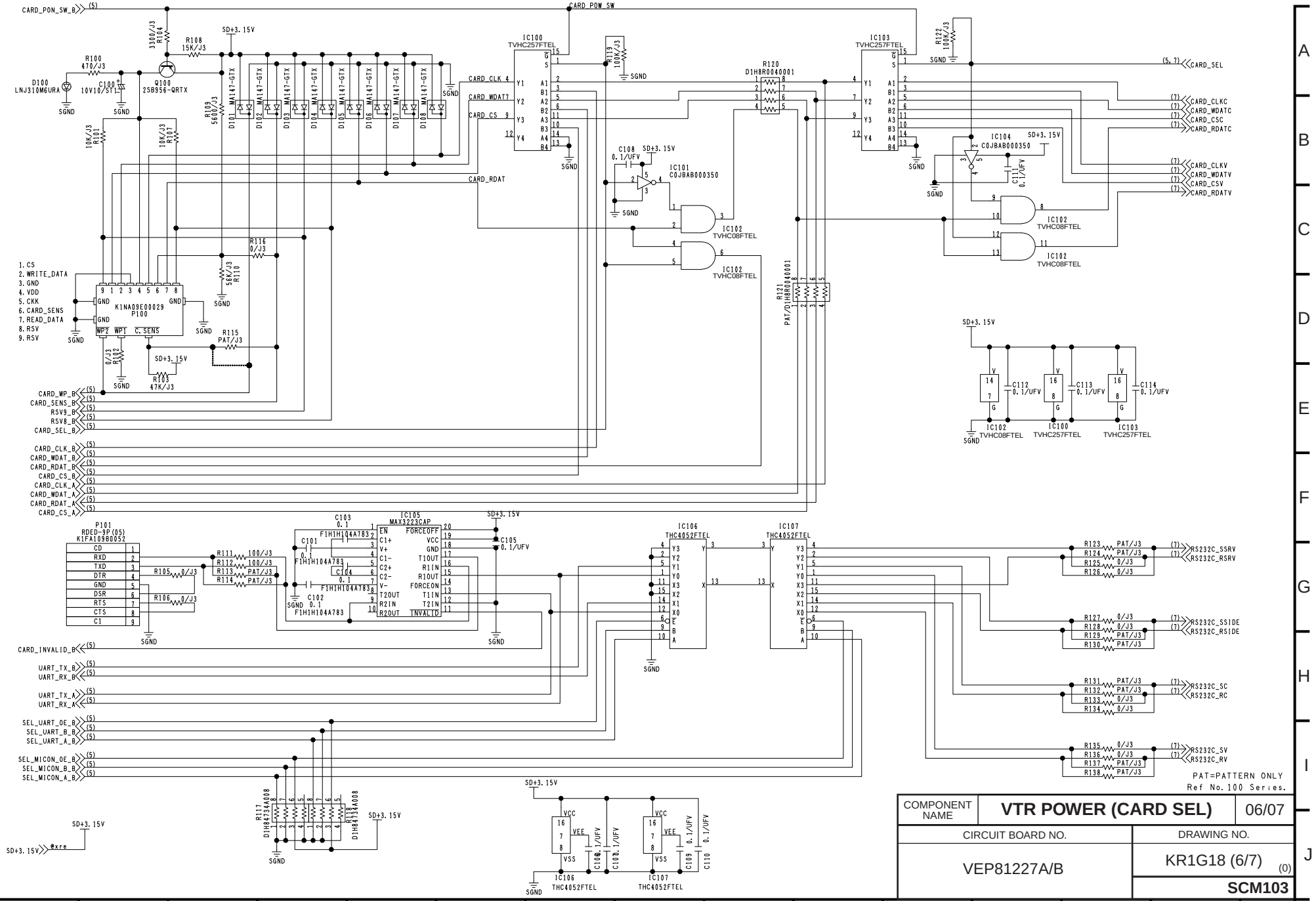


PAT=PATTERN ONLY
Ref No. 1300～1399 Series.

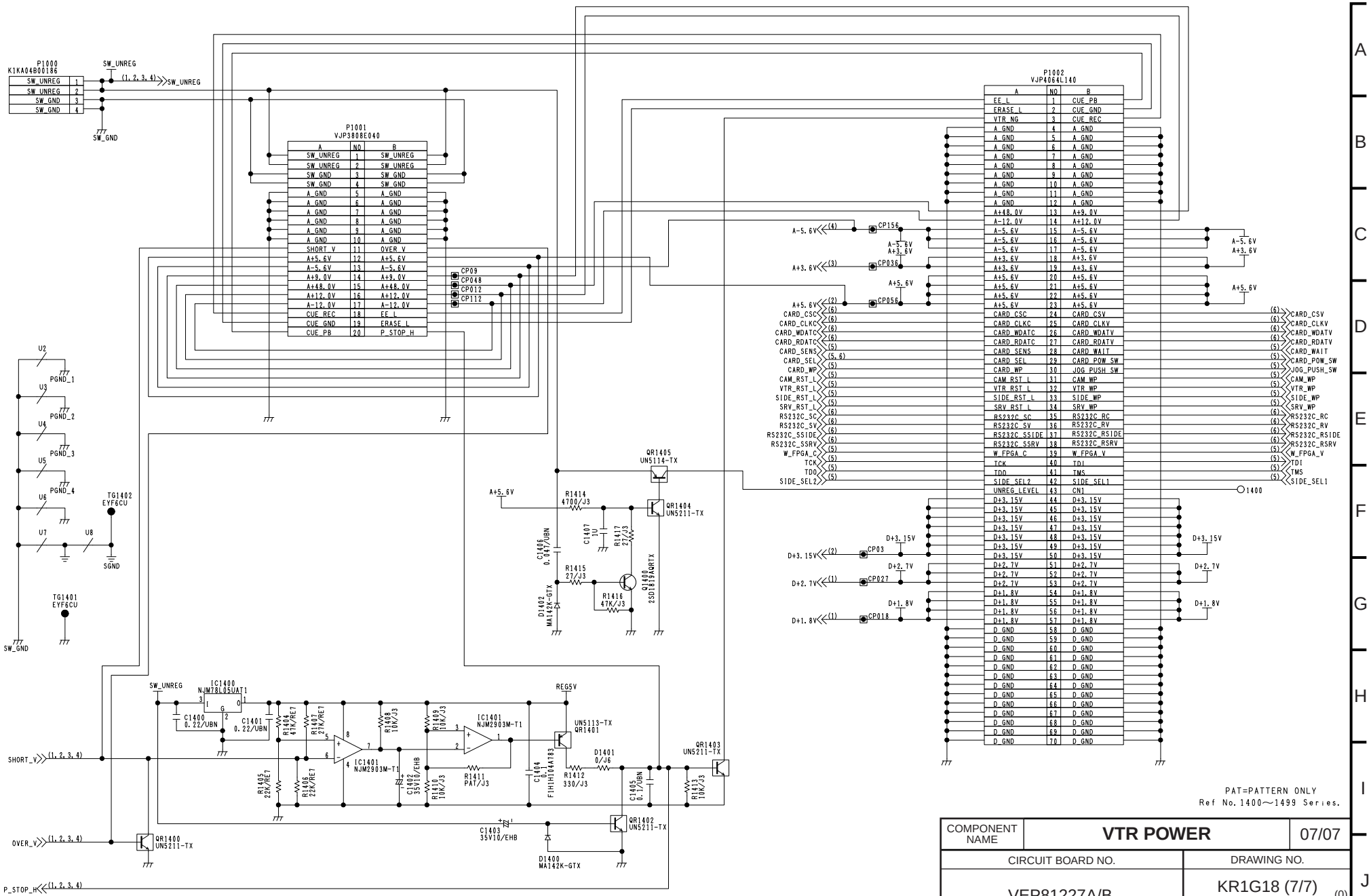
COMPONENT NAME	VTR POWER	04/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP81227A/B		KR1G18 (4/7) (0)
		SCM101



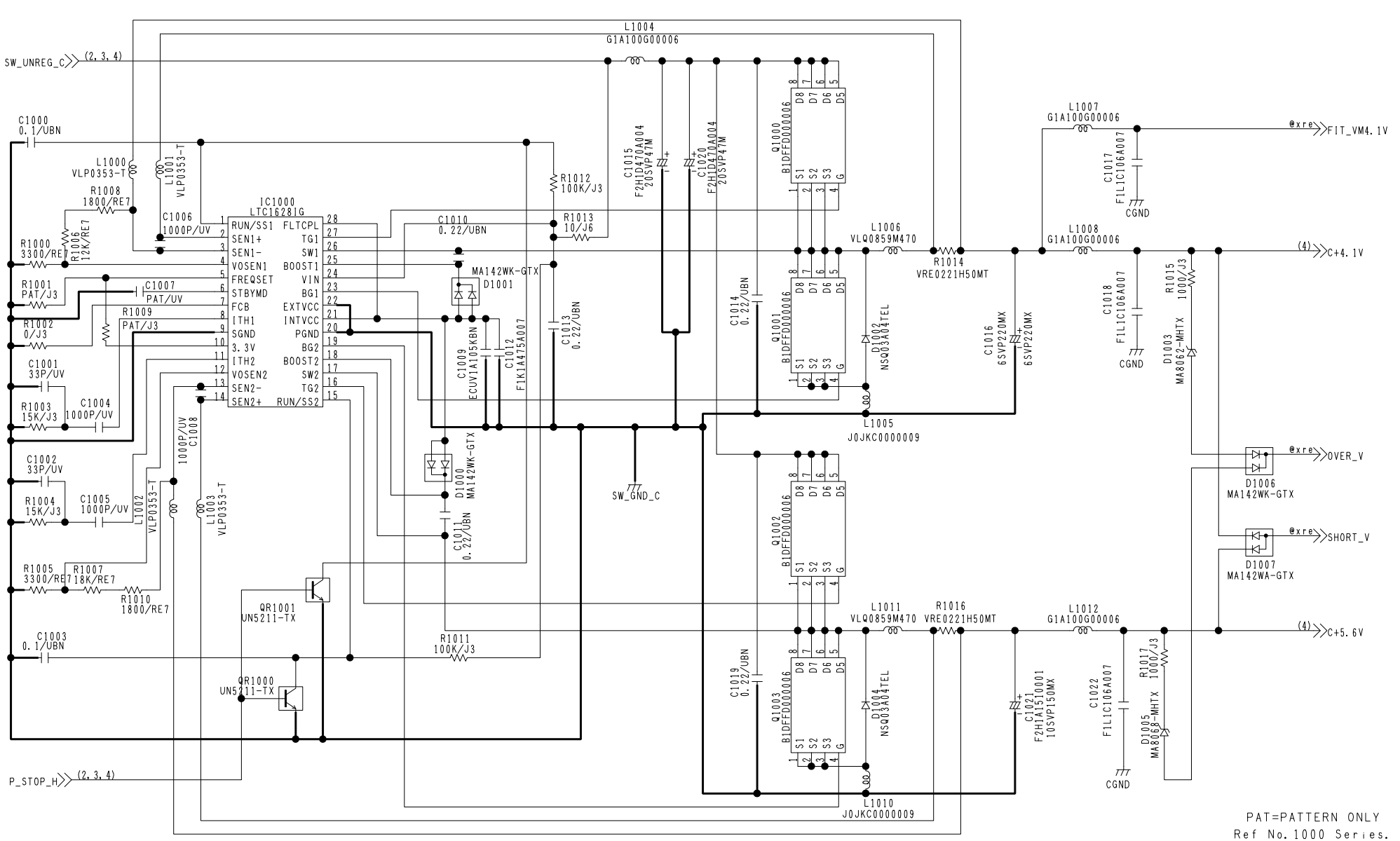
COMPONENT NAME	VTR POWER (CARD)	05/07
CIRCUIT BOARD NO.		DRAWING NO.
VEP81227A/B		KR1G18 (5/7) (0)
		SCM102



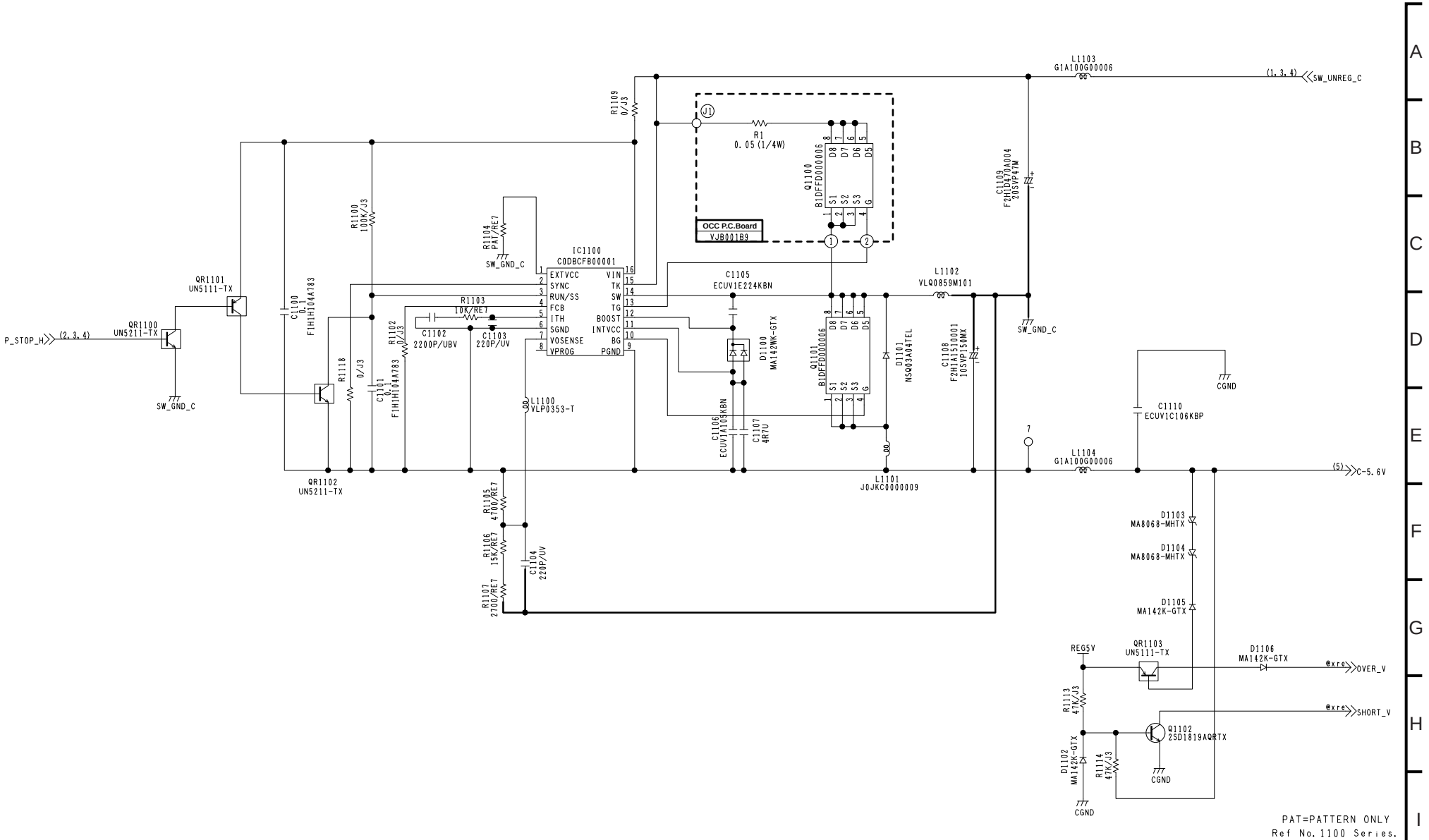
COMPONENT NAME	**VTR POWER (CARD SEL)**	06/07
CIRCUIT BOARD NO.	DRAWING NO.	
VEP81227A/B	KR1G18 (6/7) (0)	
	SCM103	



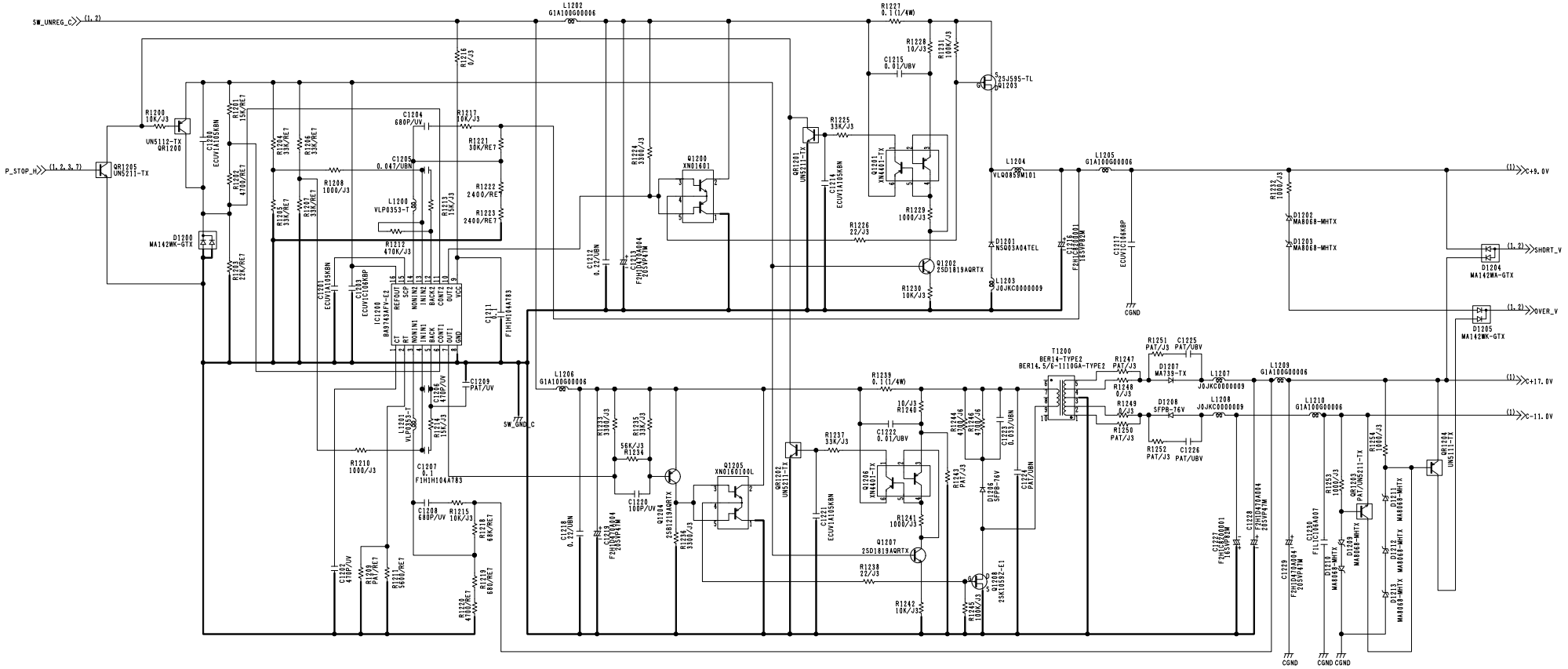
COMPONENT NAME	VTR POWER
	07/07
CIRCUIT BOARD NO.	DRAWING NO.
VEP81227A/B	KR1G18 (7/7) (0)
	SCM104



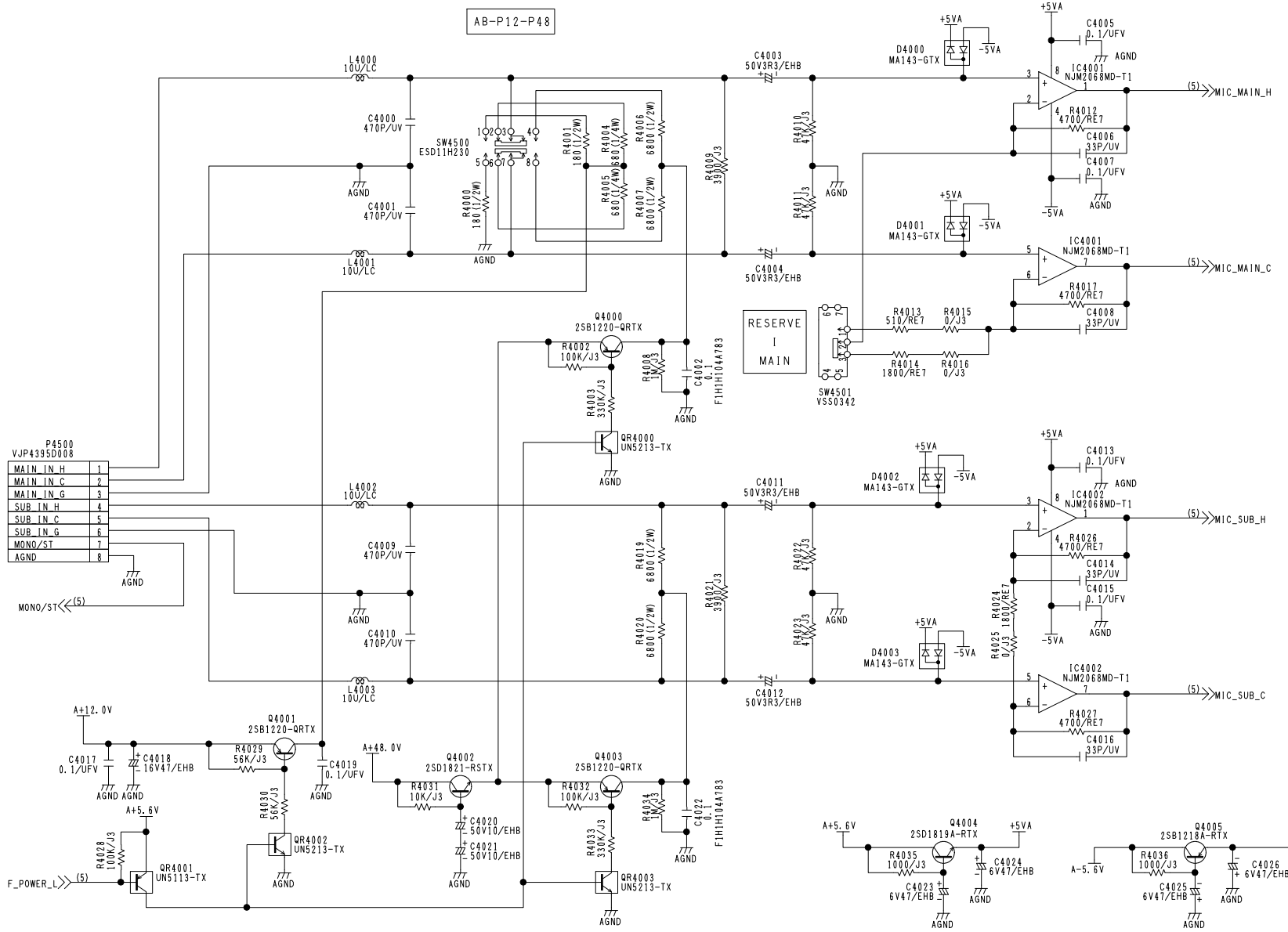
COMPONENT NAME	**CAM POWER**	01/05
CIRCUIT BOARD NO.	DRAWING NO.	
VEP21280A	KR1G17 (1/5) (0)	
	SCM105	



COMPONENT NAME	**CAM POWER**	02/05
CIRCUIT BOARD NO.	DRAWING NO.	
VEP21280A	KR1G17 (2/5) (0)	
	SCM106	

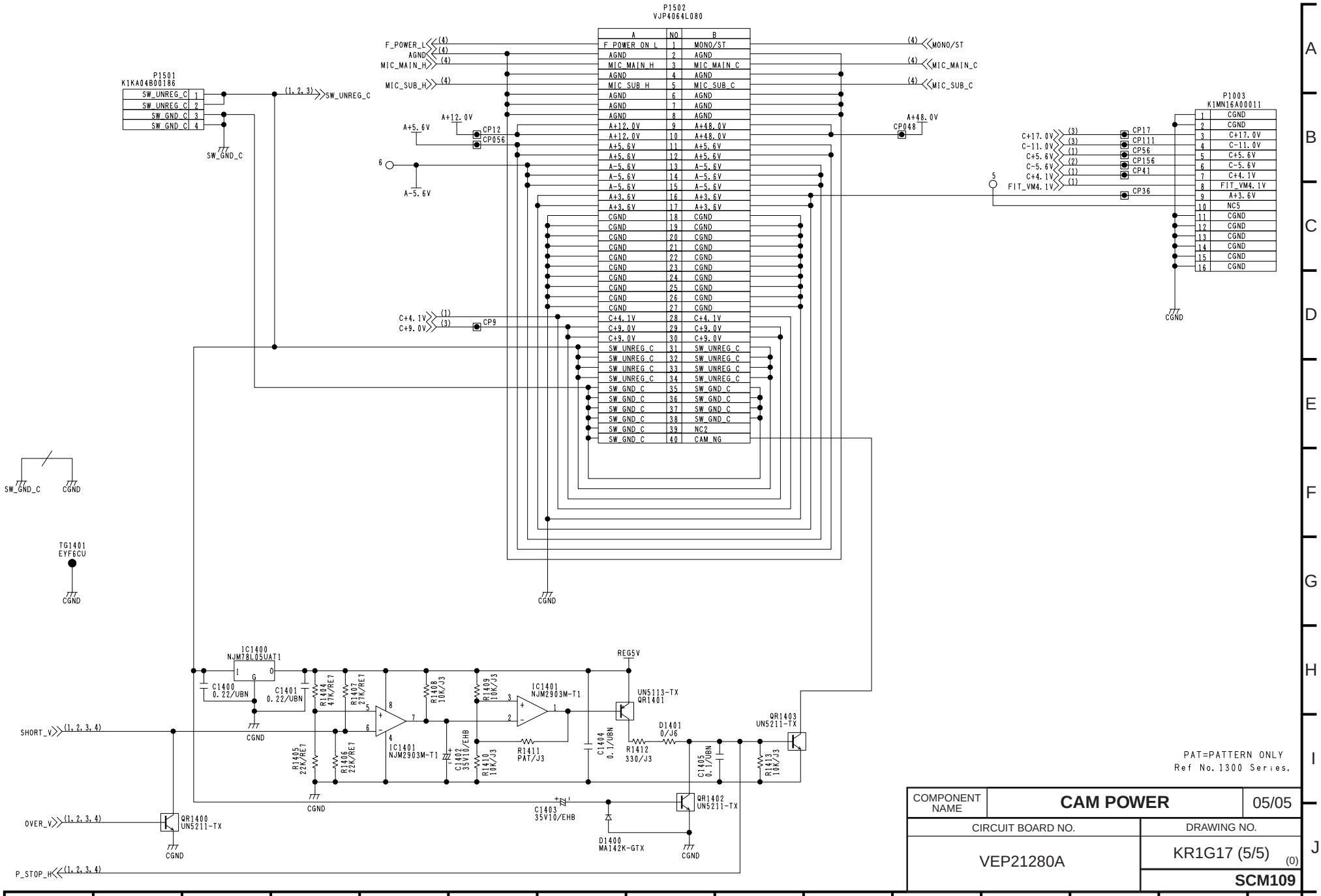


COMPONENT NAME	CAM POWER	03/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP21280A		KR1G17 (3/5) (0)
		SCM107



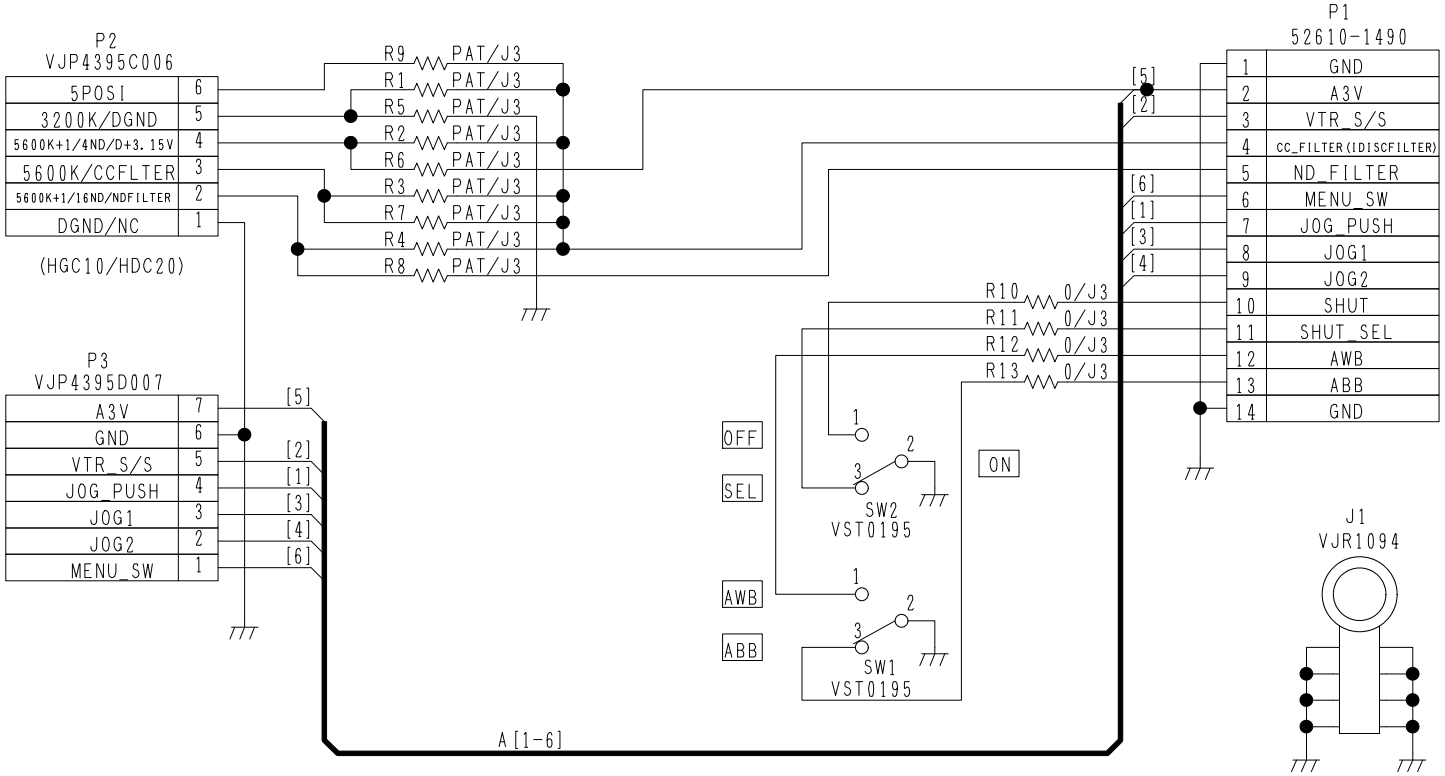
PAT=PATTERN ONLY
Ref No. 4000 Series.

COMPONENT NAME	CAM POWER (FMIC AMP)	04/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP21280A		KR1G17 (4/5) (0)
		SCM108

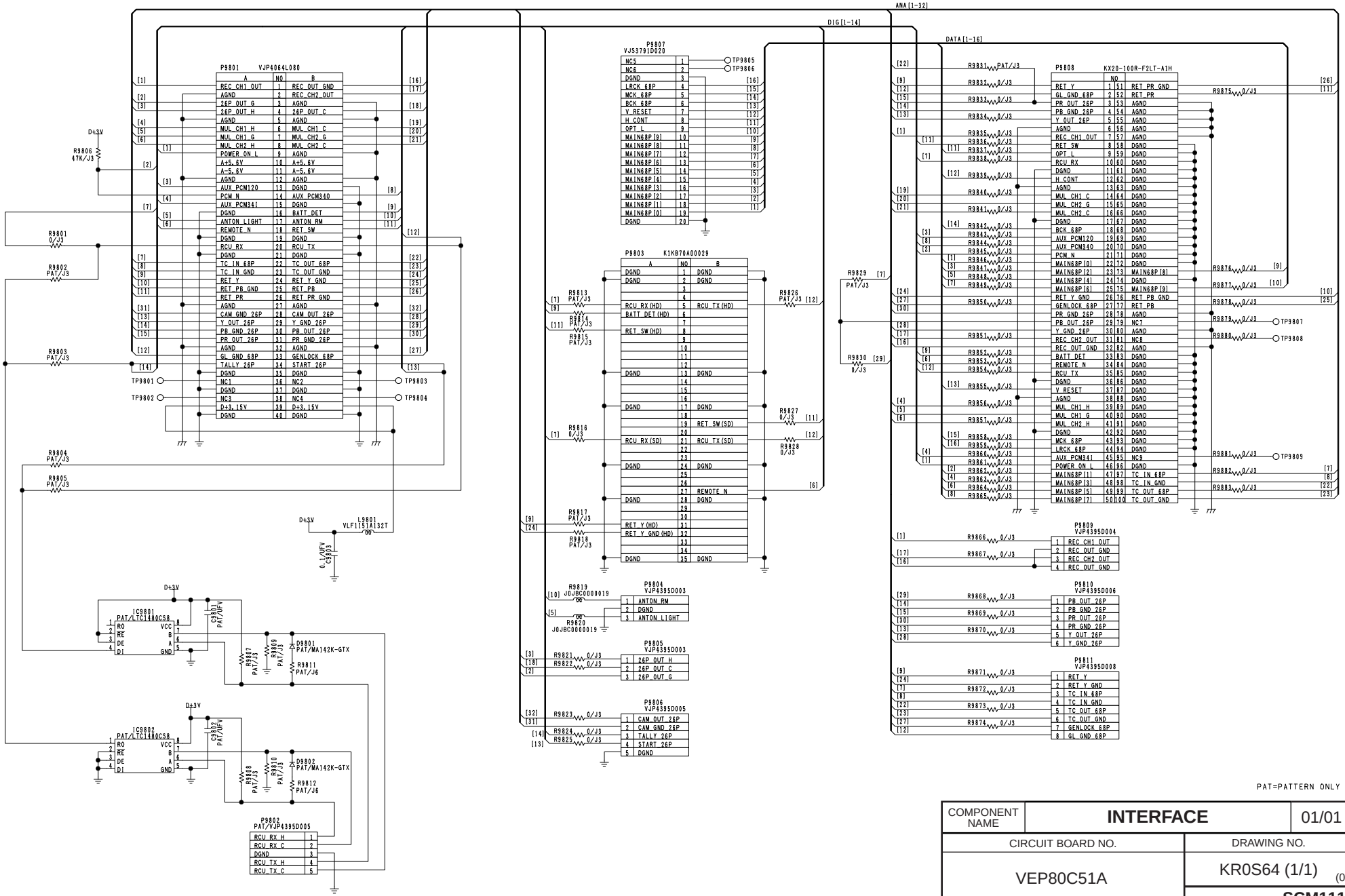


PAT=PATTERN ONLY
Ref No. 1300 Series.

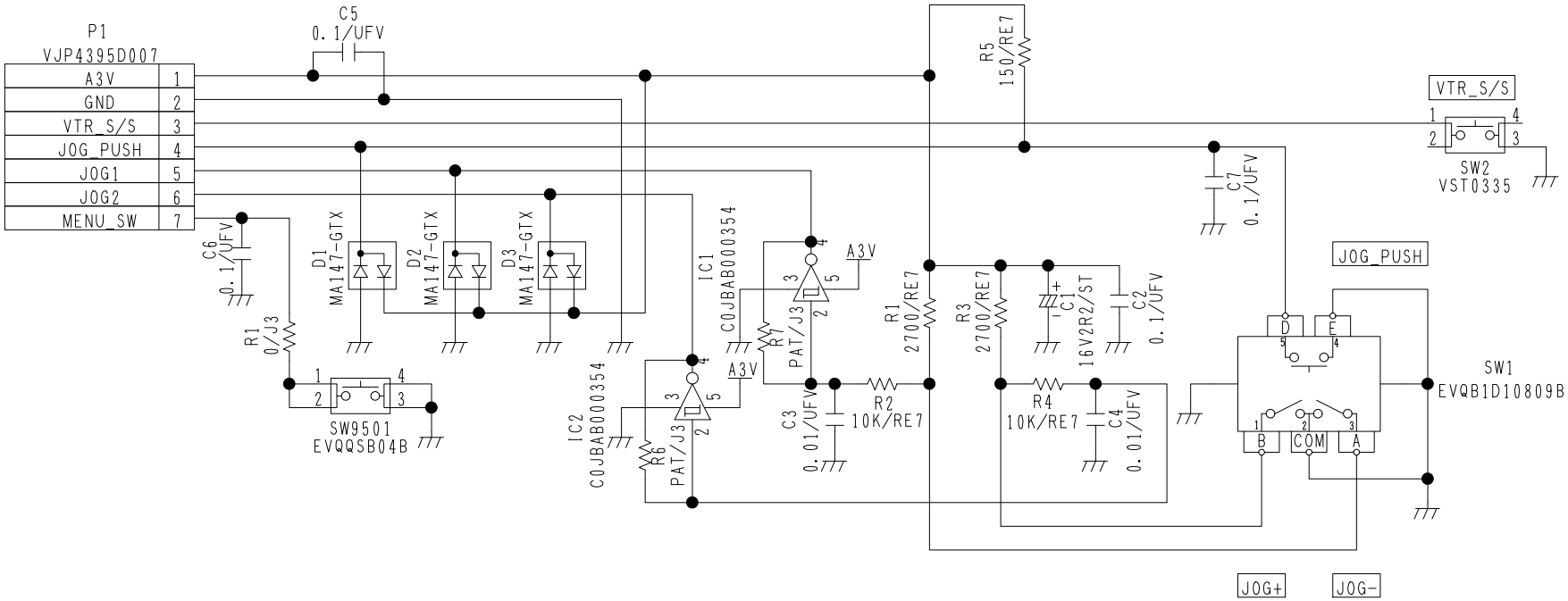
COMPONENT NAME	**CAM POWER**	05/05
CIRCUIT BOARD NO.		DRAWING NO.
VEP21280A		KR1G17 (5/5) (0)
		SCM109



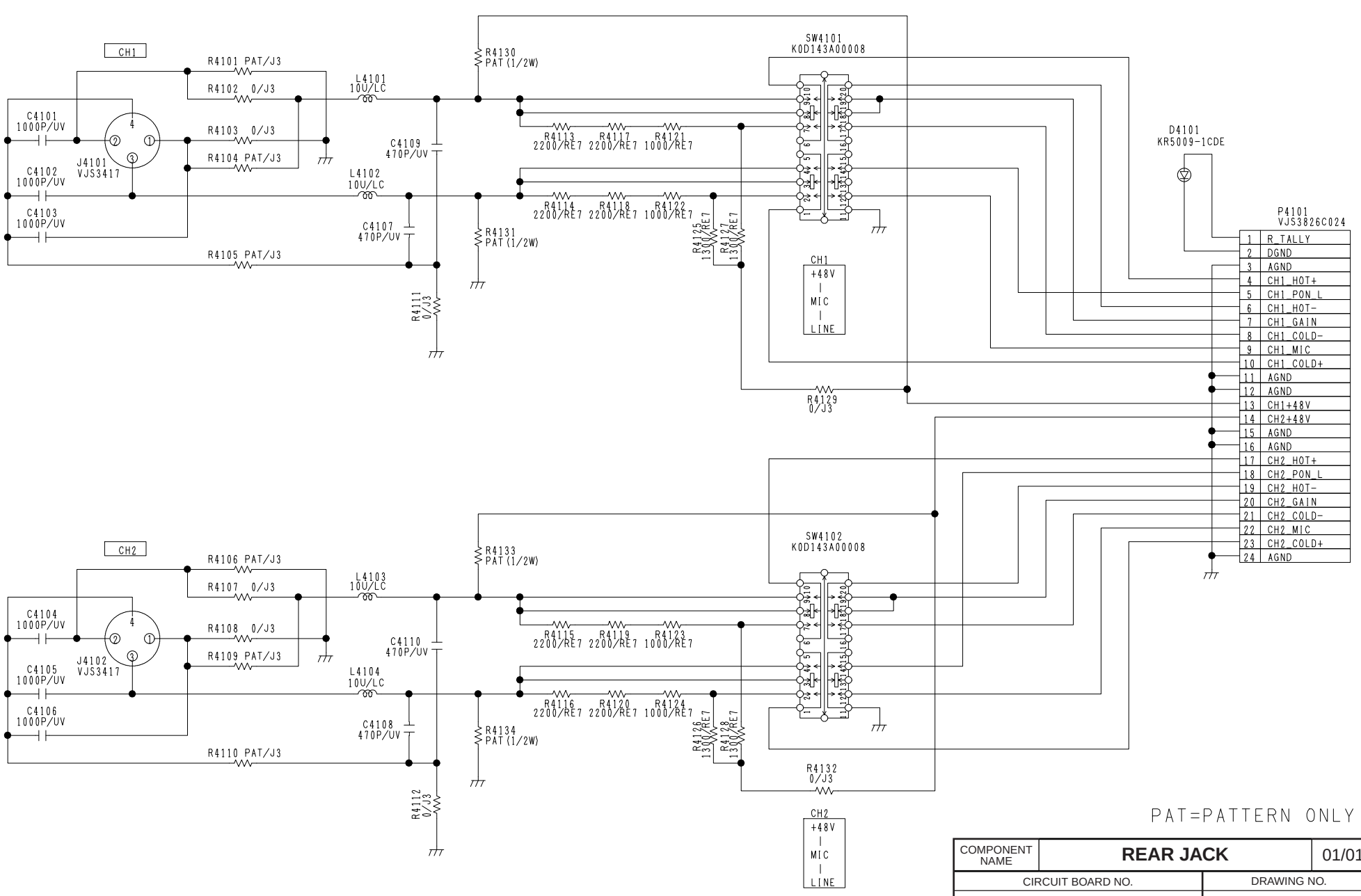
COMPONENT NAME	FRONT SW	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80C57A		KR0S92 (1/1) (0)
		SCM110

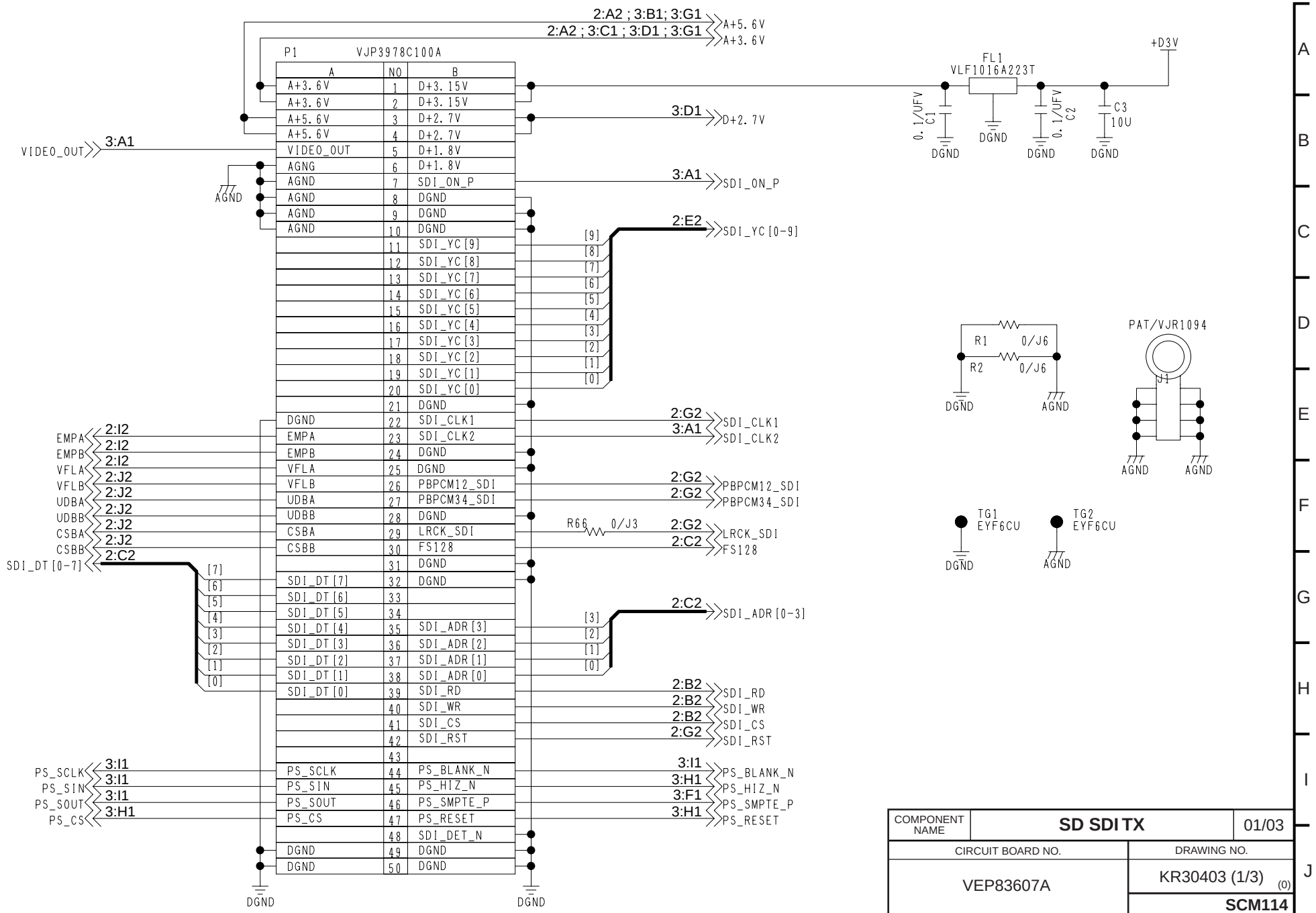


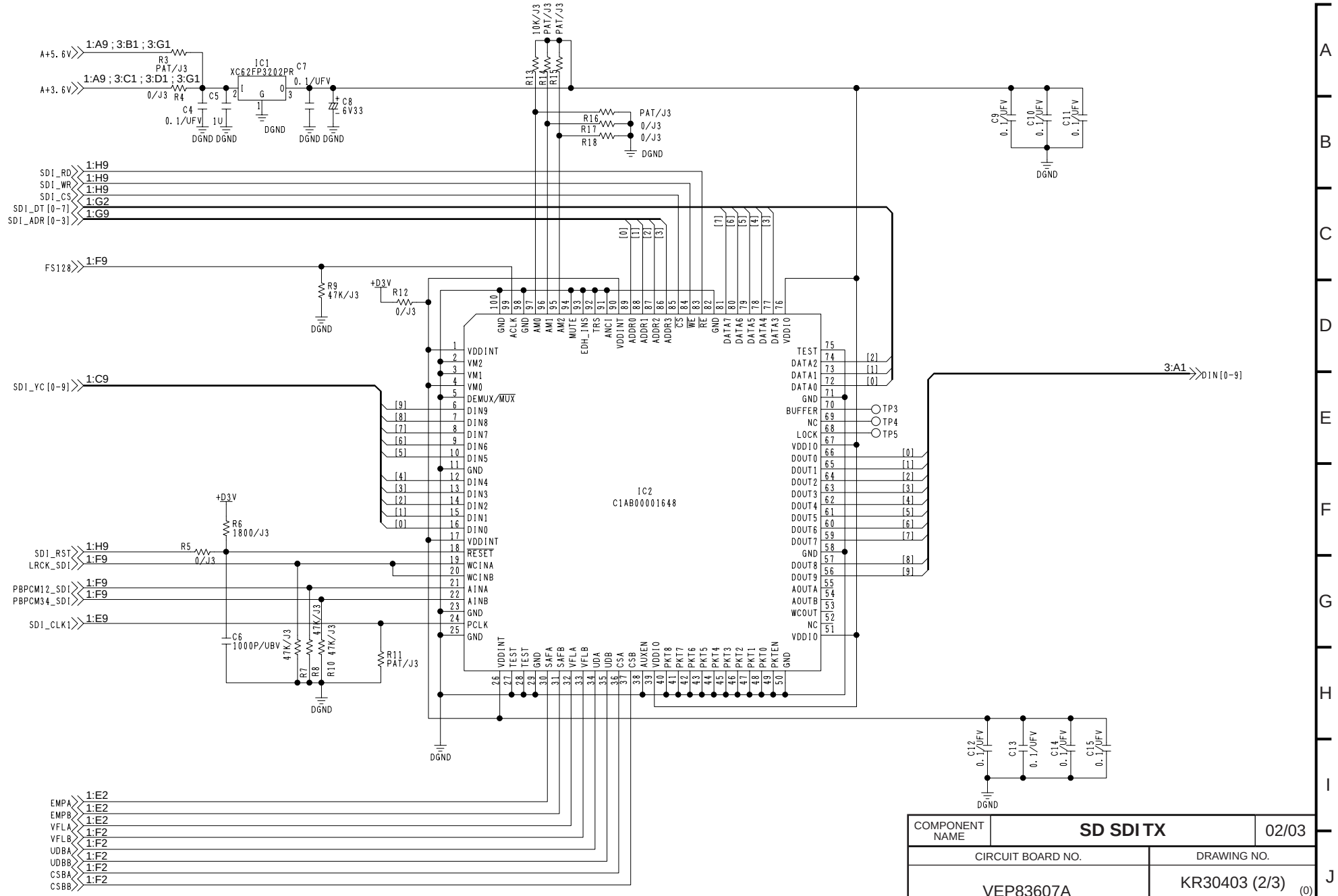
COMPONENT NAME	**INTERFACE**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80C51A		KR0S64 (1/1) (0)
		SCM111



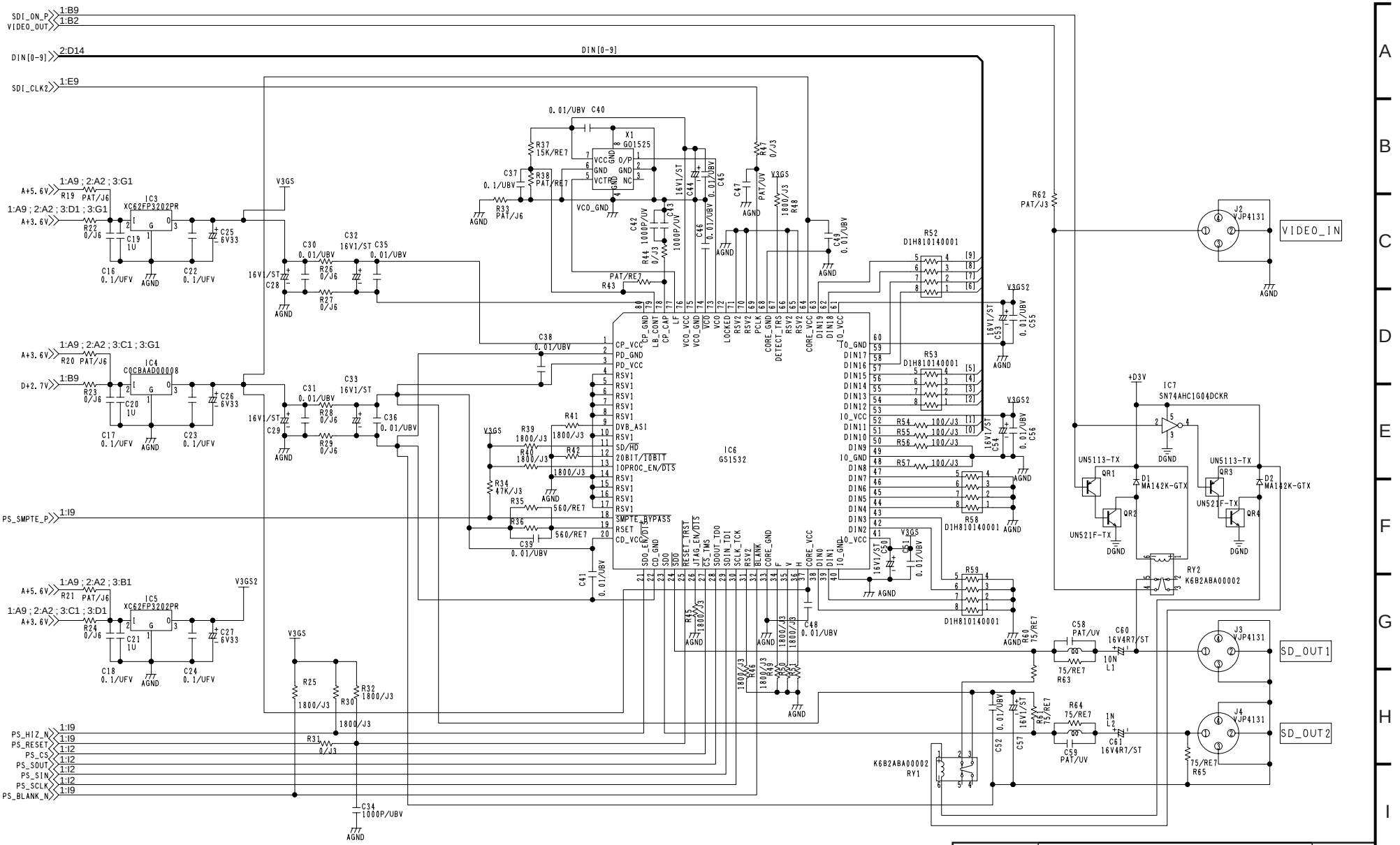
COMPONENT NAME	**MENU SW**	01/01
CIRCUIT BOARD NO.		DRAWING NO.
VEP80C58A		KR0S93 (1/1) (0)
		SCM112


CH1
R4101 PAT/J3
R4102 0/J3
R4103 0/J3
R4104 PAT/J3
R4105 PAT/J3
C4101 1000P/UV
C4102 1000P/UV
C4103 1000P/UV
J4101 VJS3417
L4101 10U/LC
L4102 10U/LC
C4109 470P/UV
C4107 470P/UV
R4111 0/J3
R4130 PAT(1/2W)
R4131 PAT(1/2W)
R4113 2200/RE7
R4117 2200/RE7
R4121 1000/RE7
R4114 2200/RE7
R4118 2200/RE7
R4122 1000/RE7
R4125 1300/RE7
R4127 1300/RE7
SW4101 K0D143A00008
CH1 +48V | MIC | LINE
R4129 0/J3
D4101 KR5009-1CDE
P4101 VJS3826C024
1 R_TALLY
2 DGND
3 AGND
4 CH1_HOT+
5 CH1_PON_L
6 CH1_HOT-
7 CH1_GAIN
8 CH1_COLD-
9 CH1_MIC
10 CH1_COLD+
11 AGND
12 AGND
13 CH1+48V
14 CH2+48V
15 AGND
16 AGND
17 CH2_HOT+
18 CH2_PON_L
19 CH2_HOT-
20 CH2_GAIN
21 CH2_COLD-
22 CH2_MIC
23 CH2_COLD+
24 AGND
CH2
R4106 PAT/J3
R4107 0/J3
R4108 0/J3
R4109 PAT/J3
R4110 PAT/J3
C4104 1000P/UV
C4105 1000P/UV
C4106 1000P/UV
J4102 VJS3417
L4103 10U/LC
L4104 10U/LC
C4110 470P/UV
C4108 470P/UV
R4112 0/J3
R4133 PAT(1/2W)
R4134 PAT(1/2W)
R4115 2200/RE7
R4119 2200/RE7
R4123 1000/RE7
R4116 2200/RE7
R4120 2200/RE7
R4124 1000/RE7
R4126 1300/RE7
R4128 1300/RE7
SW4102 K0D143A00008
CH2 +48V | MIC | LINE
R4132 0/J3
PAT=PATTERN ONLY
COMPONENT NAME
REAR JACK
01/01
CIRCUIT BOARD NO.
VEP80C52A
DRAWING NO.
KR0S65 (1/1) (0)
SCM113
A B C D E F G H I J
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

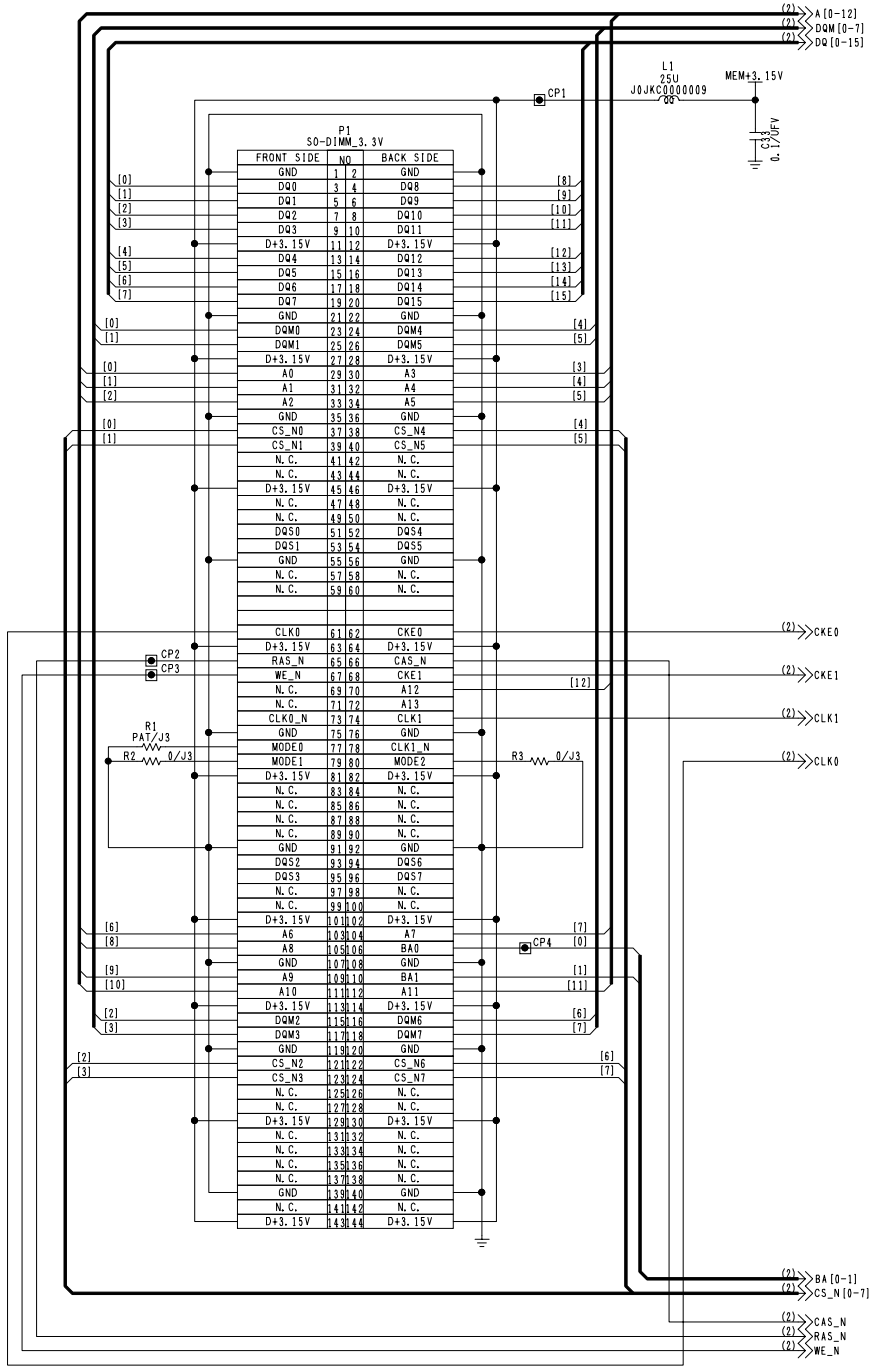

P1 VJP3978C100A
A NO B
A+3.6V 1 D+3.15V
A+3.6V 2 D+3.15V
A+5.6V 3 D+2.7V
A+5.6V 4 D+2.7V
VIDEO_OUT 5 D+1.8V
AGNG 6 D+1.8V
AGND 7 SDI_ON_P
AGND 8 DGND
AGND 9 DGND
AGND 10 DGND
11 SDI_YC[9]
12 SDI_YC[8]
13 SDI_YC[7]
14 SDI_YC[6]
15 SDI_YC[5]
16 SDI_YC[4]
17 SDI_YC[3]
18 SDI_YC[2]
19 SDI_YC[1]
20 SDI_YC[0]
21 DGND
DGND 22 SDI_CLK1
EMPA 23 SDI_CLK2
EMPB 24 DGND
VFLA 25 DGND
VFLB 26 PBPCM12_SDI
UDBA 27 PBPCM34_SDI
UDBB 28 DGND
CSBA 29 LRCK_SDI
CSBB 30 FS128
31 DGND
SDI_DT[7] 32 DGND
SDI_DT[6] 33
SDI_DT[5] 34
SDI_DT[4] 35 SDI_ADR[3]
SDI_DT[3] 36 SDI_ADR[2]
SDI_DT[2] 37 SDI_ADR[1]
SDI_DT[1] 38 SDI_ADR[0]
SDI_DT[0] 39 SDI_RD
40 SDI_WR
41 SDI_CS
42 SDI_RST
43
PS_SCLK 44 PS_BLANK_N
PS_SIN 45 PS_HIZ_N
PS_SOUT 46 PS_SMPTE_P
PS_CS 47 PS_RESET
48 SDI_DET_N
DGND 49 DGND
DGND 50 DGND
2:A2 ; 3:B1; 3:G1
2:A2 ; 3:C1 ; 3:D1 ; 3:G1
A+5.6V
A+3.6V
3:D1
D+2.7V
3:A1
SDI_ON_P
2:E2
SDI_YC[0-9]
2:G2
3:A1
SDI_CLK1
SDI_CLK2
2:G2
2:G2
PBPCM12_SDI
PBPCM34_SDI
R66 0/J3
2:G2
2:C2
LRCK_SDI
FS128
2:C2
SDI_ADR[0-3]
2:B2
2:B2
2:B2
2:G2
SDI_RD
SDI_WR
SDI_CS
SDI_RST
3:I1
3:H1
3:F1
3:H1
PS_BLANK_N
PS_HIZ_N
PS_SMPTE_P
PS_RESET
VIDEO_OUT 3:A1
EMPA 2:I2
EMPB 2:I2
VFLA 2:I2
VFLB 2:J2
UDBA 2:J2
UDBB 2:J2
CSBA 2:J2
CSBB 2:J2
SDI_DT[0-7] 2:C2
PS_SCLK 3:I1
PS_SIN 3:I1
PS_SOUT 3:I1
PS_CS 3:H1
AGND
DGND
DGND
+D3V
FL1
VLF1016A223T
0.1/UFV C1
0.1/UFV C2
C3 10U
DGND
DGND
DGND
DGND
R1 0/J6
R2 0/J6
DGND
AGND
PAT/VJR1094
J1
AGND
AGND
TG1 EYF6CU
TG2 EYF6CU
DGND
AGND
COMPONENT NAME
SD SDI TX
01/03
CIRCUIT BOARD NO.
VEP83607A
DRAWING NO.
KR30403 (1/3) (0)
SCM114



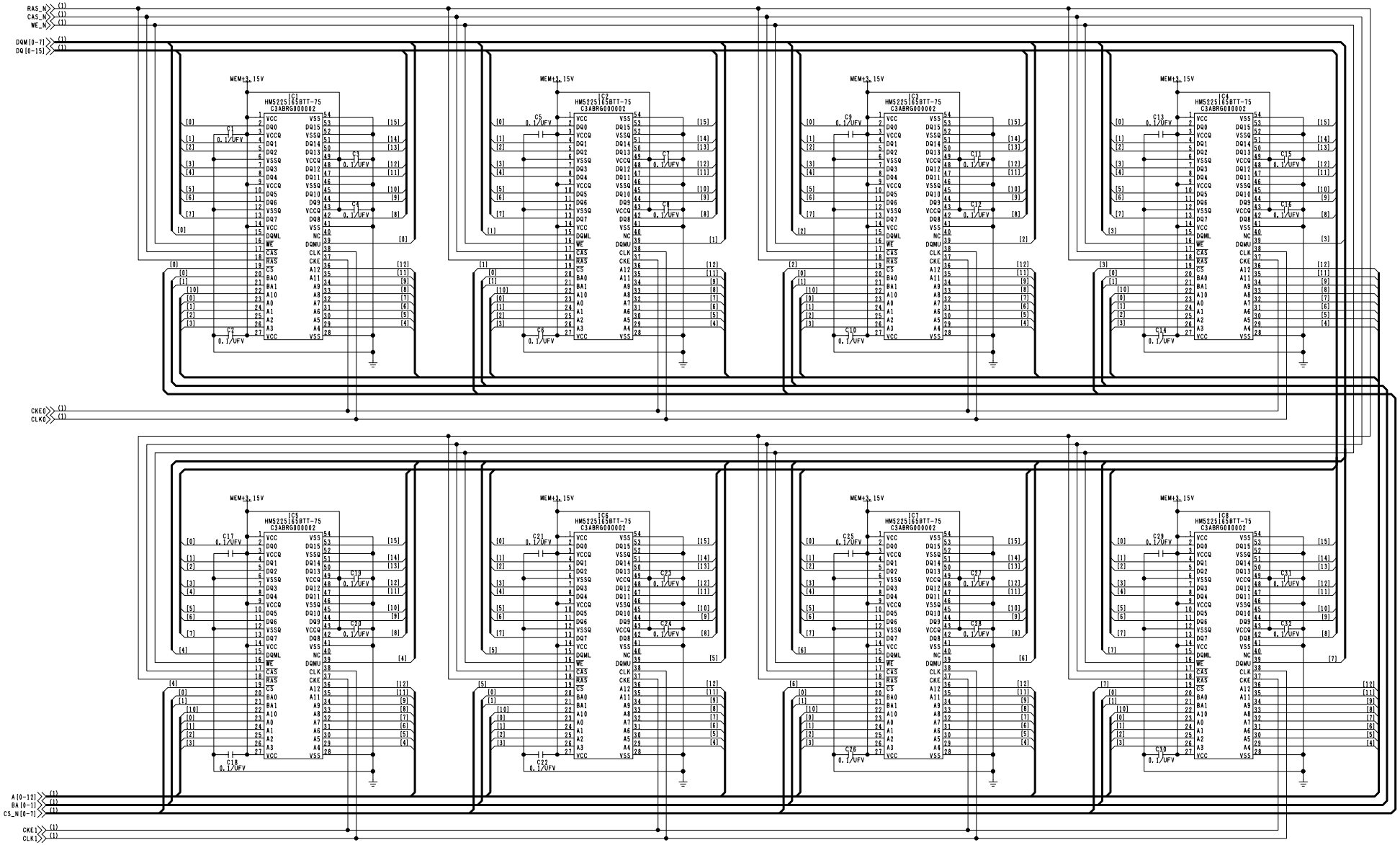
COMPONENT NAME	**SD SDI TX**	02/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP83607A		KR30403 (2/3) (0)
		SCM115



COMPONENT NAME	**SD SDI TX**	03/03
CIRCUIT BOARD NO.		DRAWING NO.
VEP83607A		KR30403 (3/3) (0)
		SCM116



COMPONENT NAME	**PRE-REC (CONNECTOR)**	01/02
CIRCUIT BOARD NO.		DRAWING NO.
VEP83608A		KR30405 (1/2) (0)
		SCM117



COMPONENT NAME	**PRE-REC (MEMORY)**	02/02
CIRCUIT BOARD NO.	DRAWING NO.	
VEP83608A	KR30405 (2/2) (0)	
	SCM118	

A B C D E F G H I J

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

SECTION 6

CIRCUIT BOARD DIAGRAMS

NOTE:
BE SURE TO MAKE YOUR ORDERS OF REPLACEMENT PARTS ACCORDING TO PARTS LIST, SECTION 7

CAUTION

THE ▭ MARK INDICATES THE PRIMARY CIRCUIT TO DISTINGUISH THE PRIMARY FROM THE SECONDARY CIRCUIT.
PAY ATTENTION NOT TO RECEIVE AN ELECTRIC SHOCK DURING REPAIR AND SERVICE OF THE PRODUCTS.

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

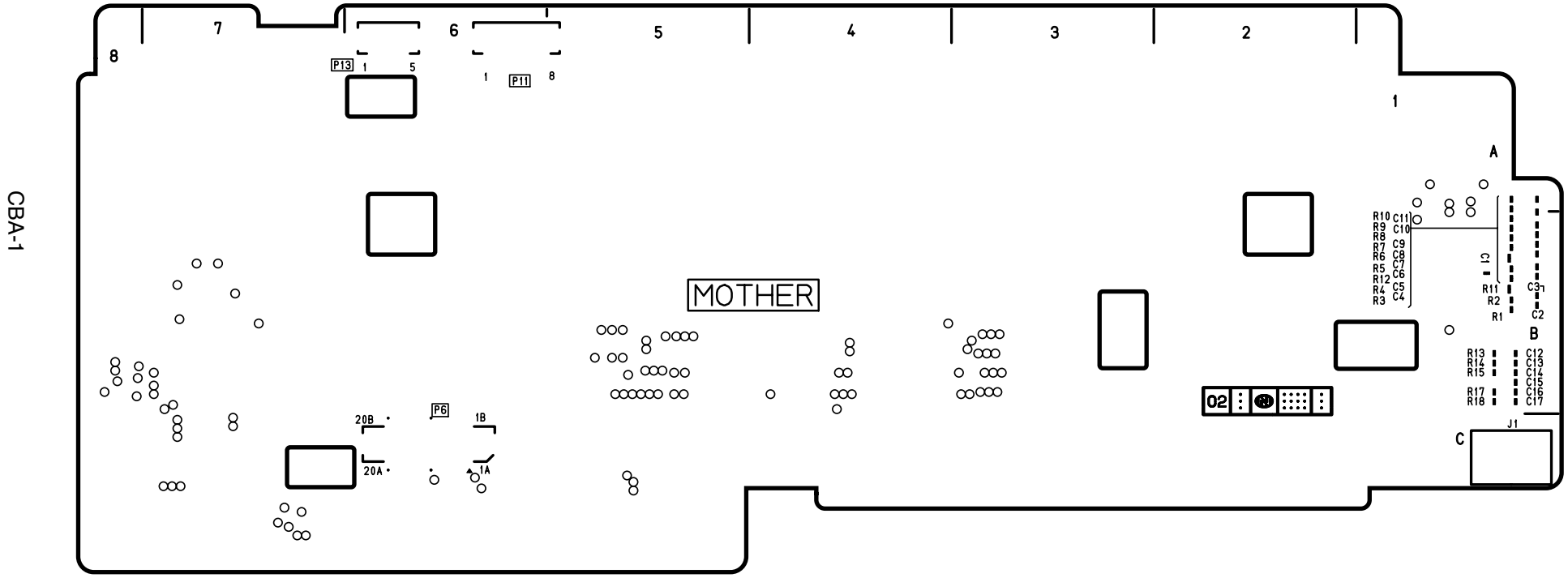
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PULSE P.C.BOARD (SDX900P:VEP20983B) (SDX900E/ D908MC:VEP20983A).....CBA-3
PRE PROCESS P.C.BOARD (VEP23578A).....CBA-5
CAM_DSP P.C.BOARD (SDX900P:VEP23577B) (SDX900E/ D908MC: VEP23577A).....CBA-7
CODEC P.C.BOARD (SDX900P:VEP83606B) (SDX900E/ D908MC: VEP83606A).....CBA-9
ECC_SYS P.C.BOARD (SDX900P:VEP86332C) (SDX900E/ D908MC:VEP86332A).....CBA-11
RFEQ P.C.BOARD (VEP85211A).....CBA-13
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DRIVE P.C.BOARD (VEP20982A).....CBA-23
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<<AJ-YA903G>>
PRE REC P.C.BOARD (VEP83608A):AJ-YA903G.....CBA-34

MOTHER P.C.BOARD (VEP89140A)

FOIL SIDE

REF	LOC
P6	C6
P11	A6
P13	A6



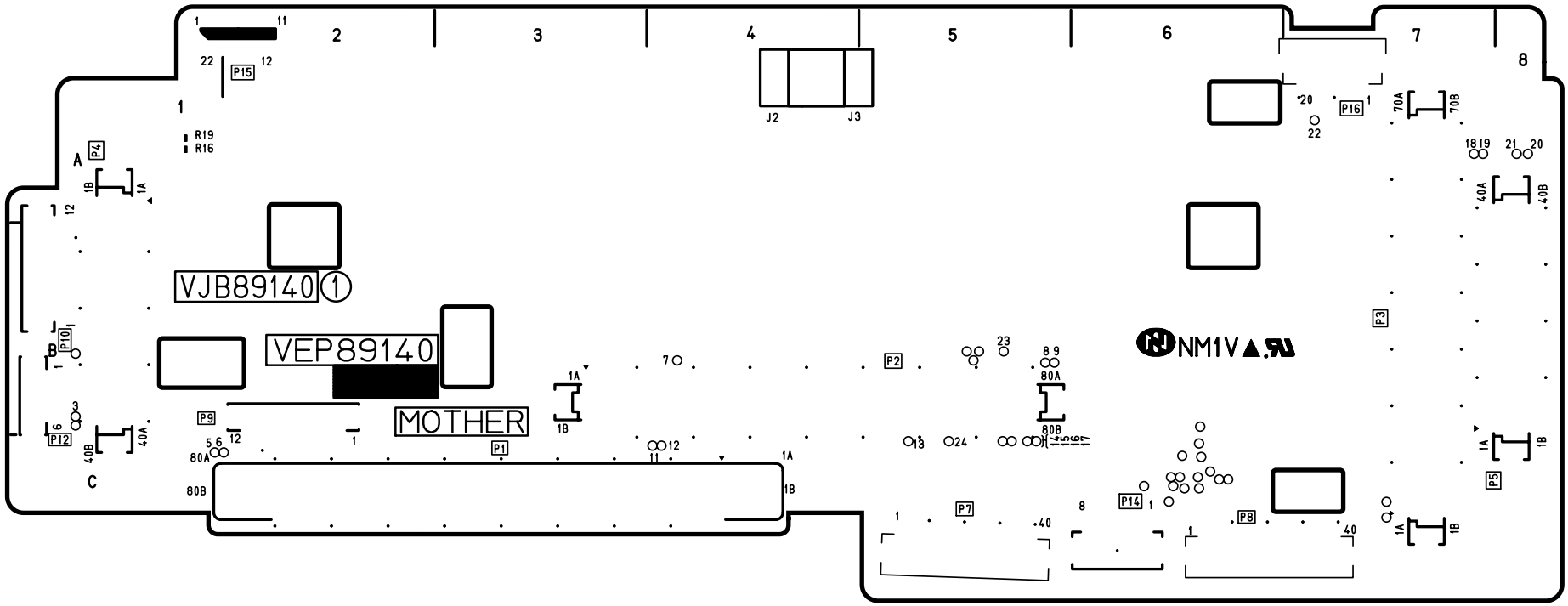
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MOTHER P.C.BOARD (VEP89140A)

COMPONENT SIDE

REF	LOC	REF	LOC
P1	C3	P9	B2
P2	B4	P10	B1
P3	B7	P12	B1
P4	B1	P14	C6
P5	B8	P15	A2
P7	C5	P16	A7
P8	C6		

CBA-2

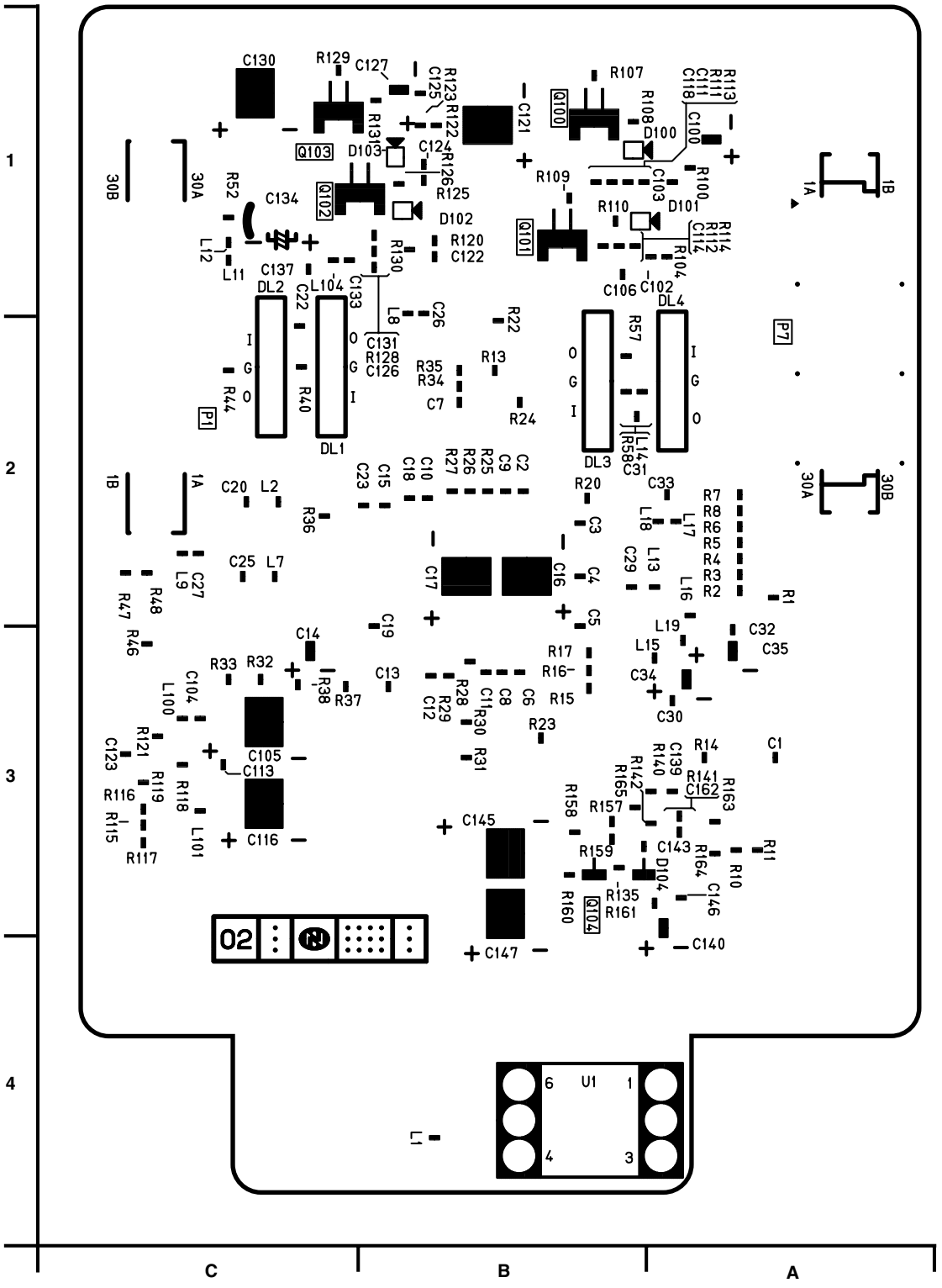


(COMPONENT SIDE)

PULSE P.C.BOARD (SDX900/P:VEP20983B)
(SDX900E/D908MC:VEP20983A)

FOIL SIDE

REF	LOC
P1	C2
P7	A2
Q100	B1
Q101	B1
Q102	B1
Q103	C1
Q104	B3

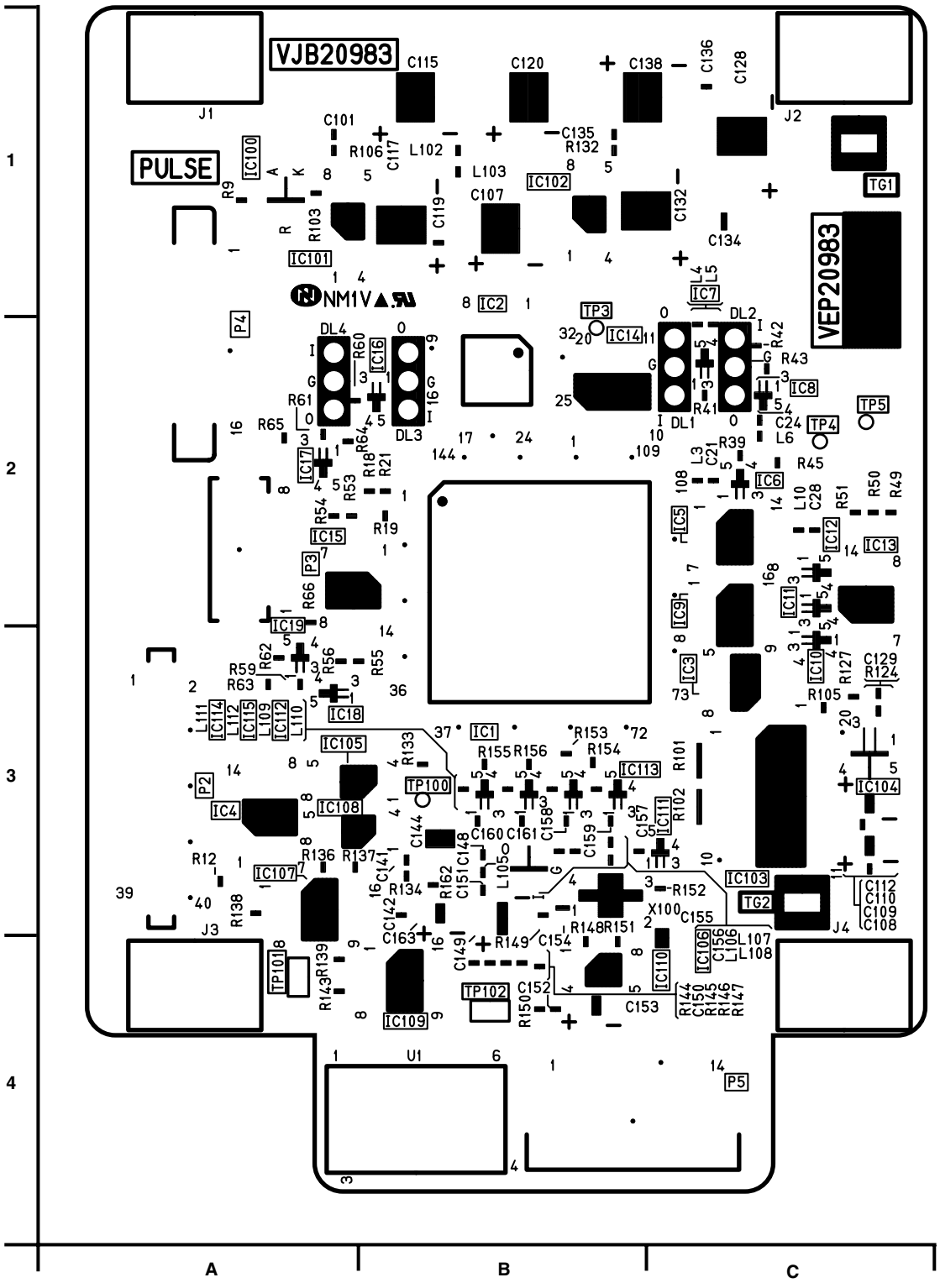


(FOIL SIDE)

PULSE P.C.BOARD (SDX900/P:VEP20983B)
(SDX900E/D908MC:VEP20983A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	B2	IC8	C2	IC15	A2	IC102	B1	IC109	B4	P2	A3	TP4	C2
IC2	B2	IC9	C2	IC16	B2	IC103	C3	IC110	B4	P3	A2	TP5	C2
IC3	C3	IC10	C3	IC17	A2	IC104	C3	IC111	C3	P4	A2	TP100	B3
IC4	A3	IC11	C2	IC18	A3	IC105	A3	IC112	B3	P5	B4	TP101	A4
IC5	C2	IC12	C2	IC19	A3	IC106	B3	IC113	B3	TG1	C1	TP102	B4
IC6	C2	IC13	C2	IC100	A1	IC107	A3	IC114	B3	TG2	C3		
IC7	C2	IC14	B2	IC101	A1	IC108	A3	IC115	B3	TP3	B2		

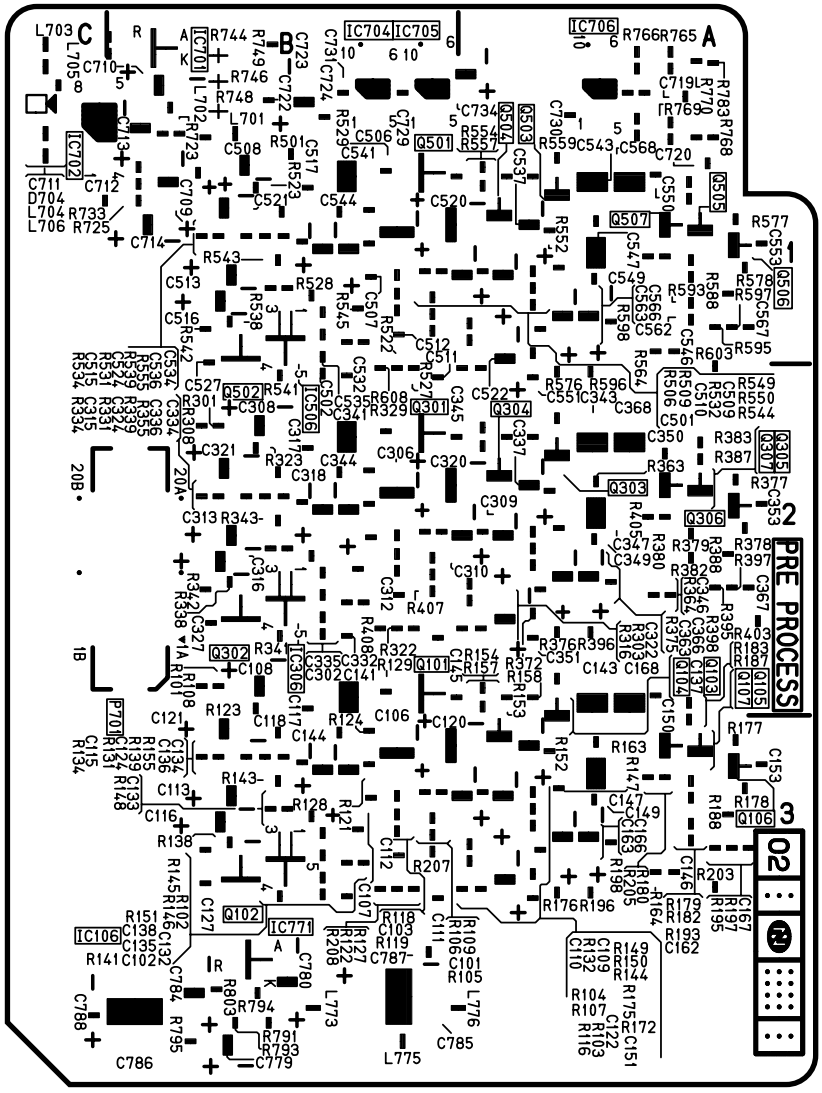


(COMPONENT SIDE)

PRE PROCESS P.C.BOARD (SDX900/P:VEP23578C)
(SDX900E/D908MC:VEP23578A)

FOIL SIDE

REF	LOC	REF	LOC
IC106	B3	Q501	B1
IC306	B2	Q502	B2
IC506	B2	Q503	A1
IC701	B1	Q504	A1
IC702	C1	Q506	A1
IC704	B1	Q507	A1
IC705	B1		
IC706	A1		
IC771	B3		
P701	B2		
Q102	B3		
Q103	A2		
Q104	A2		
Q105	A3		
Q106	A3		
Q107	A3		
Q301	B2		
Q302	B2		
Q303	A2		
Q304	A2		
Q305	A2		
Q306	A2		
Q307	A2		

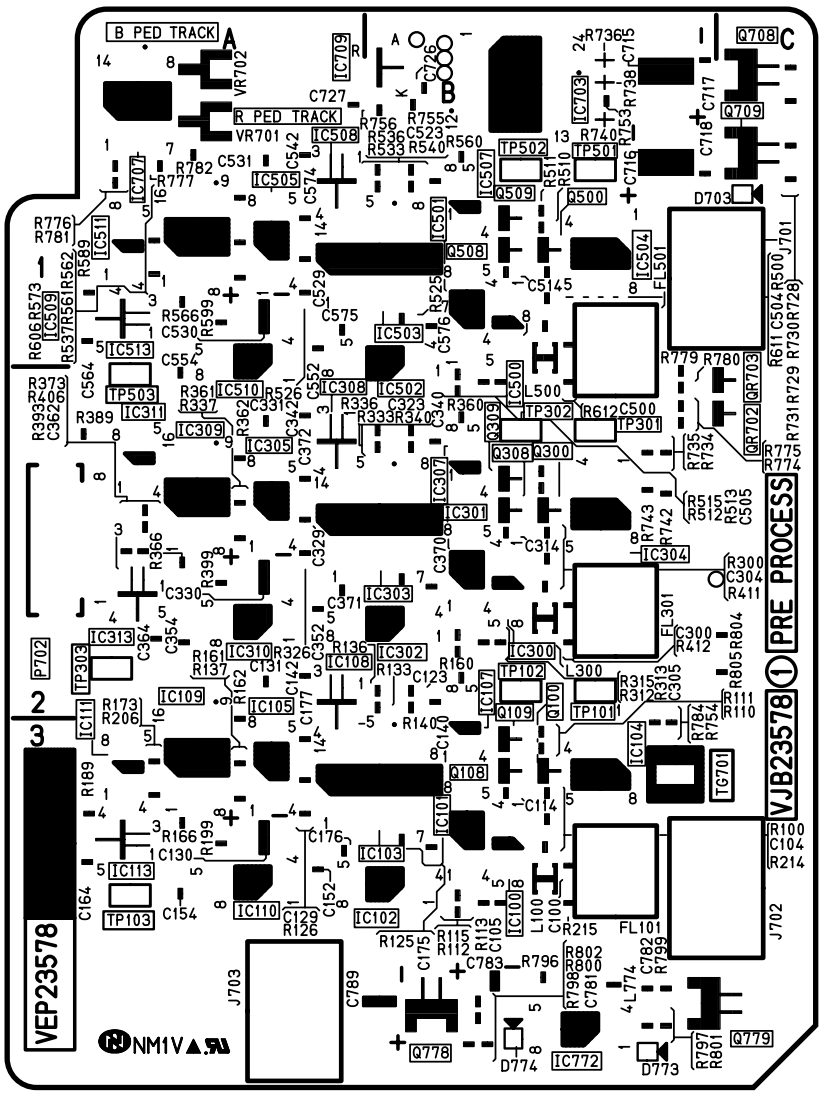


(FOIL SIDE)

PRE PROCESS P.C.BOARD (SDX900/P:VEP23578C)
(SDX900E/D908MC:VEP23578A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC100	B3	IC313	A2	Q308	B2	VR702	A1
IC101	B3	IC500	B2	Q309	B2		
IC102	B3	IC501	B1	Q500	B1		
IC103	B3	IC502	B1	Q505	A1		
IC104	B3	IC503	B1	Q508	B1		
IC105	A3	IC504	B1	Q509	B1		
IC107	B3	IC505	A1	Q708	C1		
IC108	A2	IC507	B1	Q709	C1		
IC109	A3	IC508	A1	Q778	B3		
IC110	A3	IC509	A1	Q779	B3		
IC111	A3	IC510	A1	QR702	C2		
IC113	A3	IC511	A1	QR703	C2		
IC300	B2	IC513	A1	TG701	B3		
IC301	B2	IC703	B1	TP101	B2		
IC302	B2	IC707	A1	TP102	B2		
IC303	B2	IC709	B1	TP103	A3		
IC304	B2	IC772	B3	TP301	B2		
IC305	A2	P702	A2	TP302	B2		
IC307	B2	Q100	B3	TP303	A2		
IC308	A2	Q101	B2	TP501	B1		
IC309	A2	Q108	B3	TP502	B1		
IC310	A2	Q109	B3	TP503	A2		
IC311	A2	Q300	B2	VR701	A1		

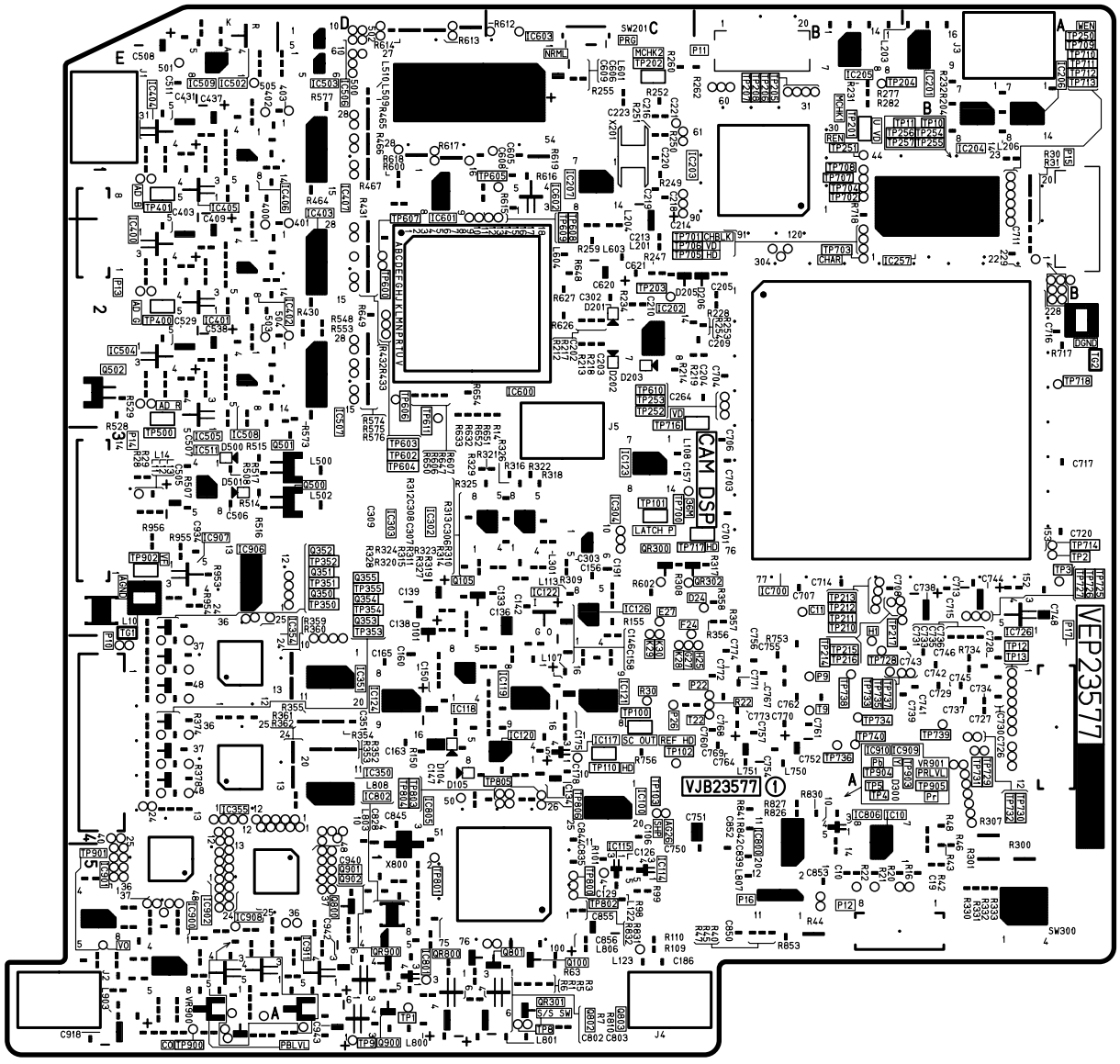


(COMPONENT SIDE)

CAM_DSP P.C.BOARD (SDX900/P:VEP23577B)
(SDX900E/D908MC:VEP23577A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC10	B4	IC304	C3	IC601	D1	P14	E3	QR301	C5	TP202	C1	TP350	E4	TP703	B2	TP733	B4
IC100	C4	IC350	D4	IC602	C1	P15	A1	QR302	C3	TP203	C2	TP351	E4	TP704	B1	TP734	B4
IC114	C5	IC351	D4	IC603	D1	P16	B5	QR800	D5	TP204	B1	TP352	E4	TP705	B2	TP735	A4
IC115	C5	IC354	E4	IC700	B2	P17	A4	QR900	D5	TP205	B1	TP353	E4	TP706	B2	TP736	B4
IC117	C4	IC355	E4	IC726	A3	Q100	C5	TG1	E3	TP206	B1	TP354	E4	TP707	B1	TP737	A4
IC118	D4	IC400	E2	IC800	B4	Q105	D3	TG2	A2	TP207	B1	TP355	E4	TP708	B1	TP738	B4
IC119	C4	IC401	E2	IC801	D5	Q350	E4	TP1	D5	TP208	B1	TP400	E2	TP709	A1	TP739	A4
IC120	C4	IC402	E2	IC802	D5	Q351	E4	TP2	A3	TP210	B3	TP401	E1	TP710	A1	TP740	B4
IC121	C4	IC403	D2	IC805	C5	Q352	E3	TP3	A3	TP211	B3	TP500	E2	TP711	A1	TP800	C5
IC122	C3	IC404	E1	IC806	B4	Q353	E4	TP4	B4	TP212	B3	TP600	D2	TP712	A1	TP801	D5
IC123	C3	IC405	E1	IC900	E5	Q354	E4	TP5	B4	TP213	B3	TP602	D2	TP713	A2	TP802	C5
IC124	D4	IC406	E1	IC901	E5	Q355	E4	TP8	C5	TP214	B3	TP603	D2	TP714	A3	TP803	C4
IC126	C3	IC407	D1	IC902	E5	Q500	D3	TP9	D5	TP215	B3	TP604	D2	TP716	B2	TP804	C4
IC201	A1	IC502	E1	IC906	E3	Q501	D3	TP10	A1	TP216	B3	TP605	C1	TP717	B3	TP805	C4
IC202	C2	IC503	D1	IC907	E3	Q502	E2	TP11	A1	TP217	B3	TP606	D2	TP718	A2	TP806	C4
IC203	B1	IC504	E2	IC908	E5	Q800	D5	TP12	A4	TP250	A1	TP607	D2	TP725	A3	TP900	E5
IC204	A1	IC505	E2	IC909	B4	Q801	C5	TP13	A4	TP251	B1	TP608	C1	TP726	A3	TP901	E5
IC205	B1	IC506	D1	IC910	B4	Q802	D5	TP100	C4	TP252	B2	TP609	C1	TP727	A3	TP902	E3
IC206	A1	IC507	D2	IC911	D5	Q803	C5	TP101	C3	TP253	B2	TP610	B2	TP728	B4	TP903	B4
IC207	C1	IC508	E2	P10	E4	Q900	D5	TP102	C4	TP254	A1	TP611	D2	TP729	A4	TP904	B4
IC257	A1	IC509	E1	P11	B1	Q901	D5	TP103	C4	TP255	A1	TP700	C3	TP730	A4	TP905	B4
IC302	D3	IC511	E3	P12	B5	Q902	D5	TP110	C4	TP256	A1	TP701	B2	TP731	A4	VR900	E5
IC303	D3	IC600	D2	P13	E2	QR300	C3	TP201	B1	TP257	A1	TP702	B1	TP732	A4	VR901	B4

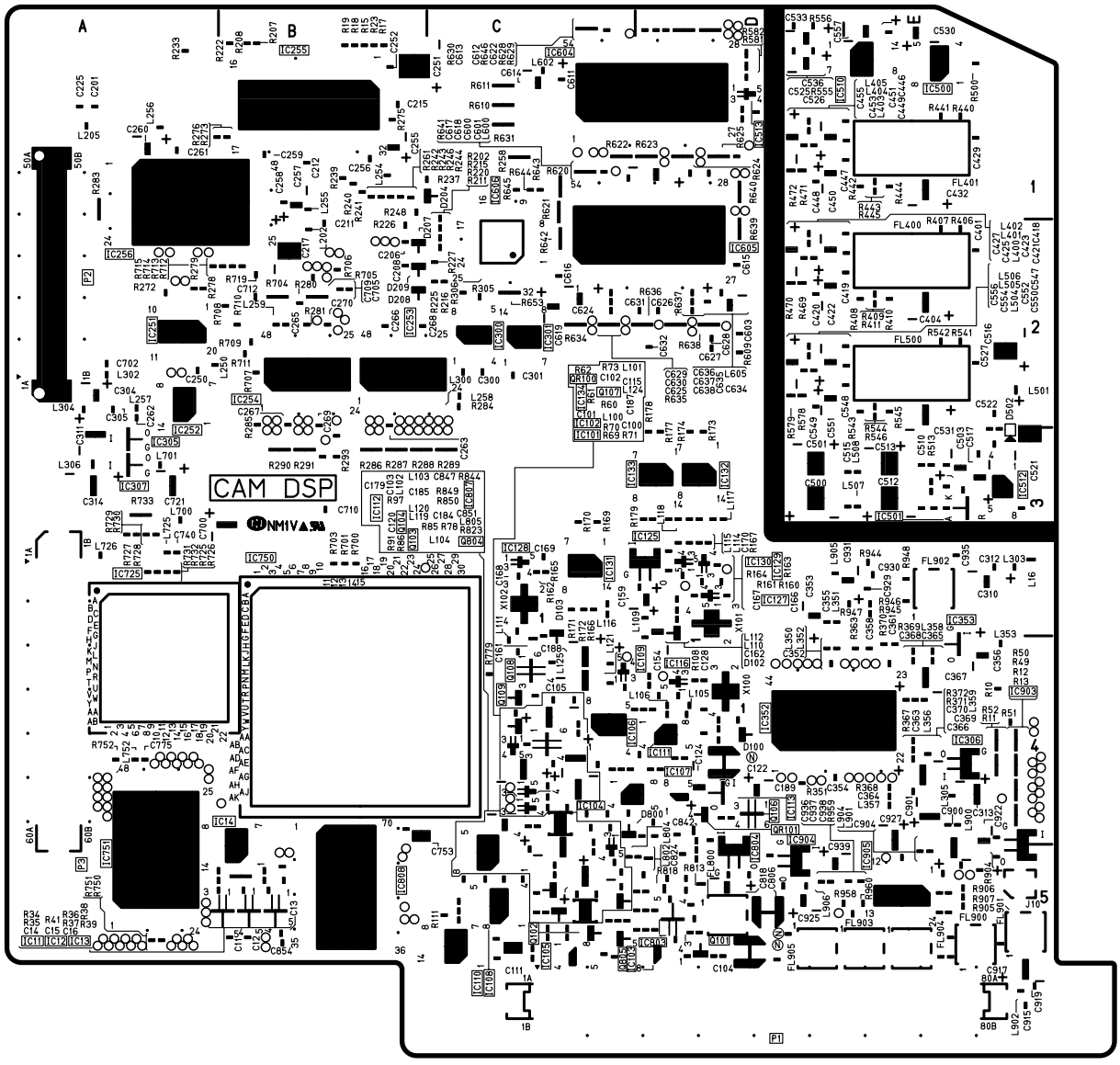


(FOIL SIDE)

CAM_DSP P.C.BOARD (SDX900/P:VEP23577B) (SDX900E/D908MC:VEP23577A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC11	B5	IC131	C3	IC605	D2	Q805	C5
IC12	B5	IC132	D3	IC606	C2	QR100	C4
IC13	B5	IC133	D3	IC725	A4	QR101	D4
IC14	B5	IC134	C4	IC750	B4		
IC101	C4	IC251	A2	IC751	A5		
IC102	C4	IC252	A2	IC803	D5		
IC103	C5	IC253	B2	IC804	D5		
IC104	C4	IC254	B2	IC807	C4		
IC105	C5	IC255	B1	IC808	B5		
IC106	C4	IC256	A1	IC903	E4		
IC107	D4	IC300	C2	IC904	D5		
IC108	C5	IC301	C2	IC905	E5		
IC109	C4	IC305	A3	P2	A2		
IC110	C5	IC306	E4	P3	A3		
IC111	D4	IC307	A3	Q101	D5		
IC112	C5	IC352	D4	Q102	C5		
IC113	D4	IC353	E3	Q103	C5		
IC116	D4	IC500	E1	Q104	C5		
IC125	D3	IC501	E3	Q106	D4		
IC127	D3	IC510	E1	Q107	C4		
IC128	C3	IC512	E3	Q108	C4		
IC129	D3	IC513	D1	Q109	C4		
IC130	D3	IC604	D1	Q804	C5		

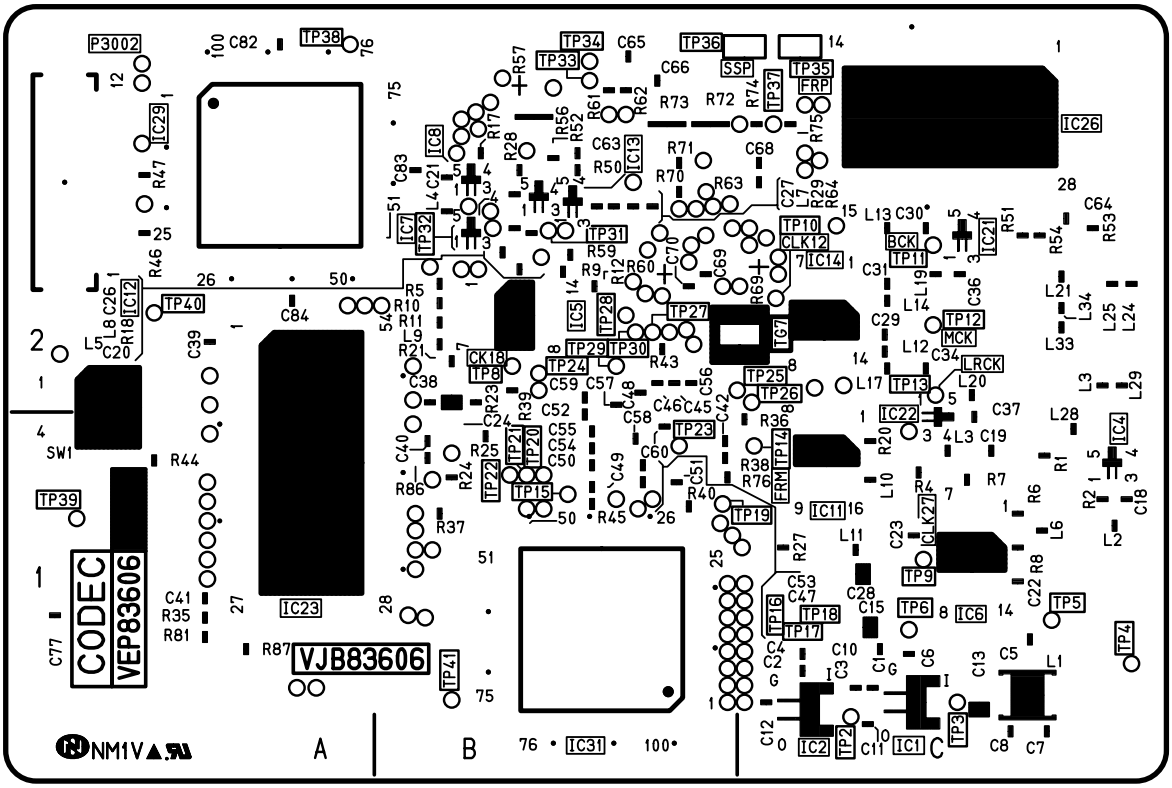


(COMPONENT SIDE)

CODEC P.C.BOARD (SDX900/P:VEP83606B)
(SDX900E/D908MC:VEP83606A)

FOIL SIDE

REF	LOC	REF	LOC
IC1	C1	TP14	C1
IC2	C1	TP15	B1
IC4	C1	TP16	B1
IC5	B2	TP17	B1
IC6	C1	TP18	B1
IC7	B2	TP19	B1
IC8	B2	TP20	B1
IC11	C1	TP21	B1
IC12	B2	TP22	B1
IC13	B2	TP23	B1
IC14	C2	TP24	B2
IC21	C2	TP25	C2
IC22	C1	TP26	C2
IC23	A1	TP27	B2
IC26	C2	TP28	B2
IC29	A2	TP29	B2
IC31	B1	TP30	B2
P3002	A2	TP31	B2
TG7	C2	TP32	B2
TP2	C1	TP33	B2
TP3	C1	TP34	B2
TP4	C1	TP35	C2
TP5	C1	TP36	C2
TP6	C1	TP37	C2
TP8	B2	TP38	A2
TP9	C1	TP39	A1
TP10	C2	TP40	B2
TP11	C2	TP41	B1
TP12	C2		
TP13	C2		

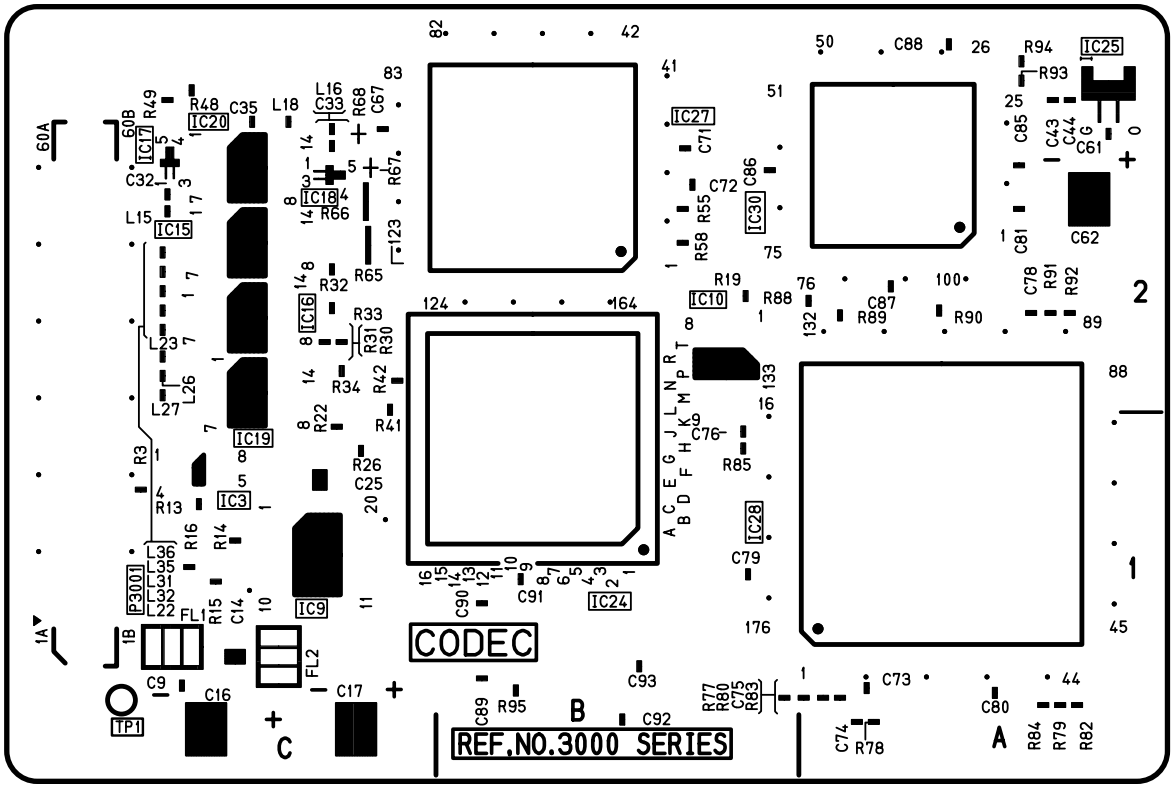


(FOIL SIDE)

CODEC P.C.BOARD (SDX900/P:VEP83606B)
(SDX900E/D908MC:VEP83606A)

COMPONENT SIDE

REF	LOC
IC3	C1
IC9	C1
IC10	B2
IC15	C2
IC16	C2
IC17	C2
IC18	C2
IC19	C2
IC20	C2
IC24	B1
IC25	A2
IC27	B2
IC28	A1
IC30	A2
P3001	C2
TP1	C1

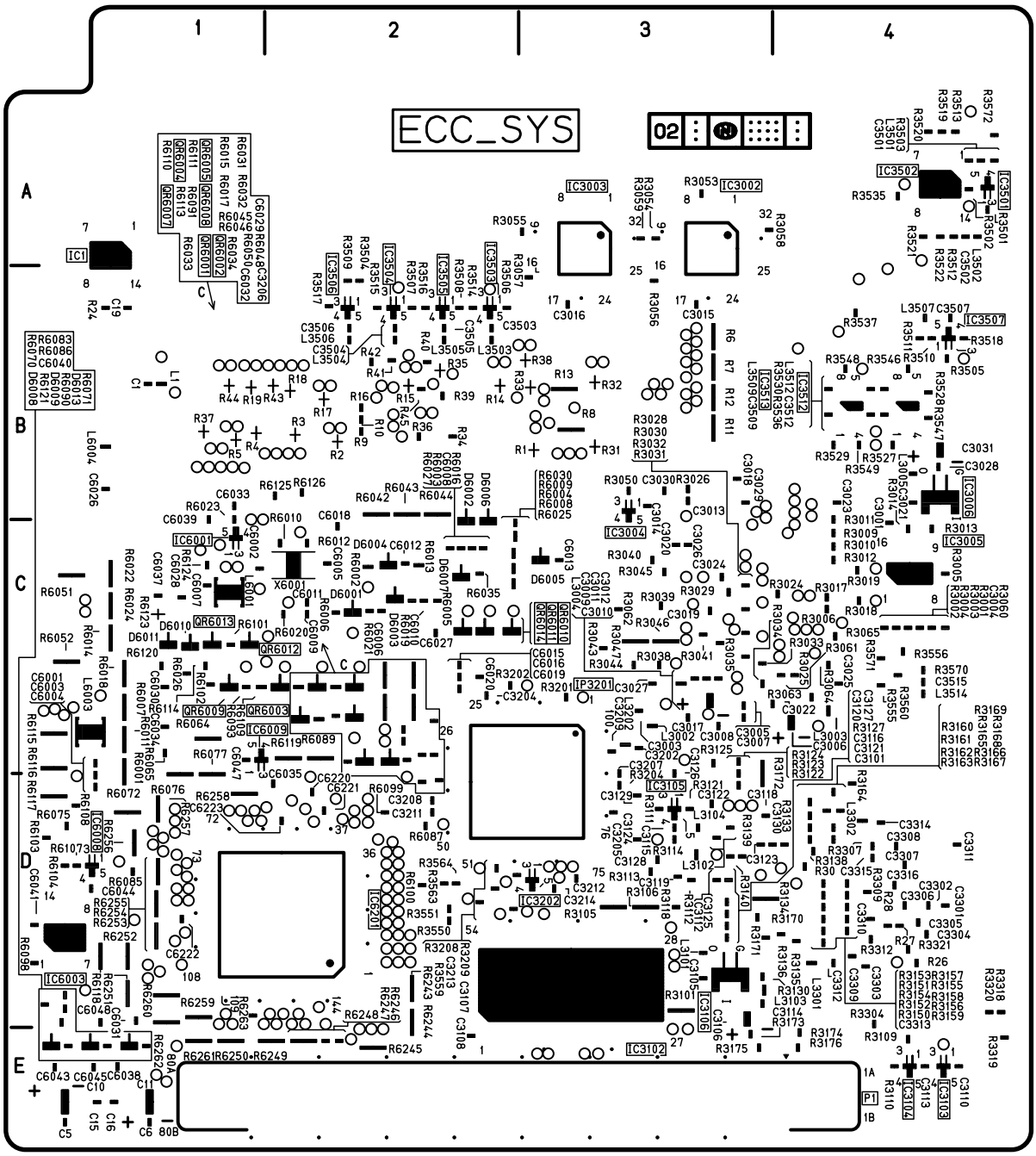


(COMPONENT SIDE)

ECC_SYS P.C.BOARD (SDX900/P:VEP86332C)
(SDX900E/D908MC:VEP86332A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC
IC1	A1	IC3505	B2	QR6005	C2
IC3002	A3	IC3506	B2	QR6007	C2
IC3003	A3	IC3507	B4	QR6008	C2
IC3004	B3	IC3512	B4	QR6009	C1
IC3005	C4	IC3513	B4	QR6010	C2
IC3006	B4	IC6001	C1	QR6011	C2
IC3102	D3	IC6003	D1	QR6012	C1
IC3103	E4	IC6008	D1	QR6013	C1
IC3104	E4	IC6009	C1	QR6014	C2
IC3105	D3	IC6201	D2		
IC3106	D3	IP3201	D3		
IC3202	D3	P1	E3		
IC3501	A4	QR6001	C2		
IC3502	A4	QR6002	C2		
IC3503	B2	QR6003	C2		
IC3504	B2	QR6004	C2		

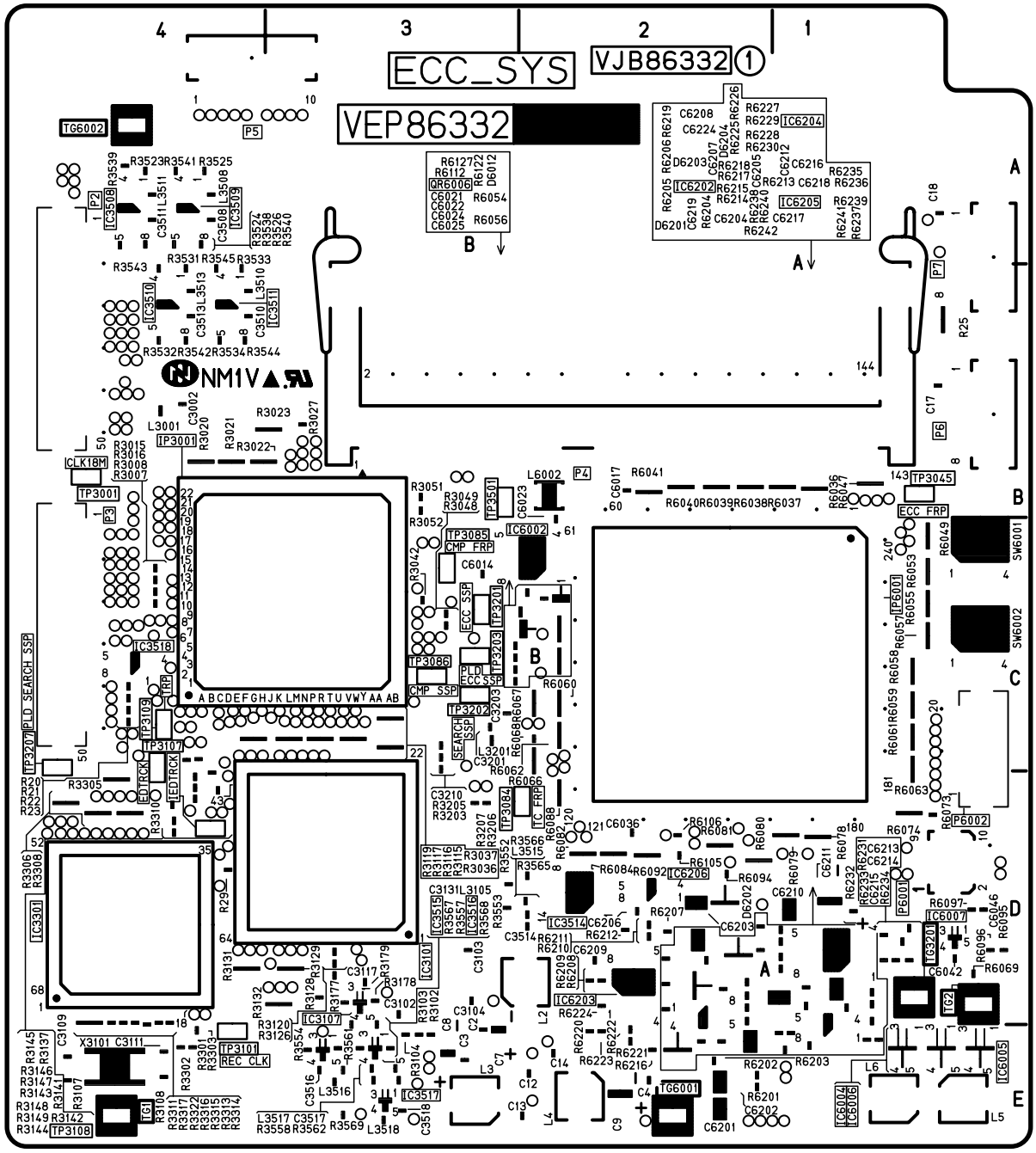


(FOIL SIDE)

ECC_SYS P.C.BOARD (SDX900/P:VEP86332C)
(SDX900E/D908MC:VEP86332A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC3101	D3	IC6007	D1	QR6006	C2	TP3202	C3
IC3107	D3	IC6202	D2	TG1	E4	TP3203	C3
IC3301	D4	IC6203	D2	TG2	D1	TP3207	C4
IC3508	A4	IC6204	D1	TG3201	D1	TP3501	B3
IC3509	A4	IC6205	D1	TG6001	E2		
IC3510	B4	IC6206	D2	TG6002	A4		
IC3511	B4	IP3001	C3	TP3001	B4		
IC3514	D2	IP6001	C2	TP3045	B1		
IC3515	E3	P2	B4	TP3084	D2		
IC3516	E3	P3	C4	TP3085	C3		
IC3517	E3	P4	B2	TP3086	C3		
IC3518	C4	P5	A4	TP3101	E4		
IC6002	C2	P6	B1	TP3107	C4		
IC6004	E1	P7	A1	TP3108	D4		
IC6005	E1	P6001	D1	TP3109	C4		
IC6006	E1	P6002	C1	TP3201	C3		

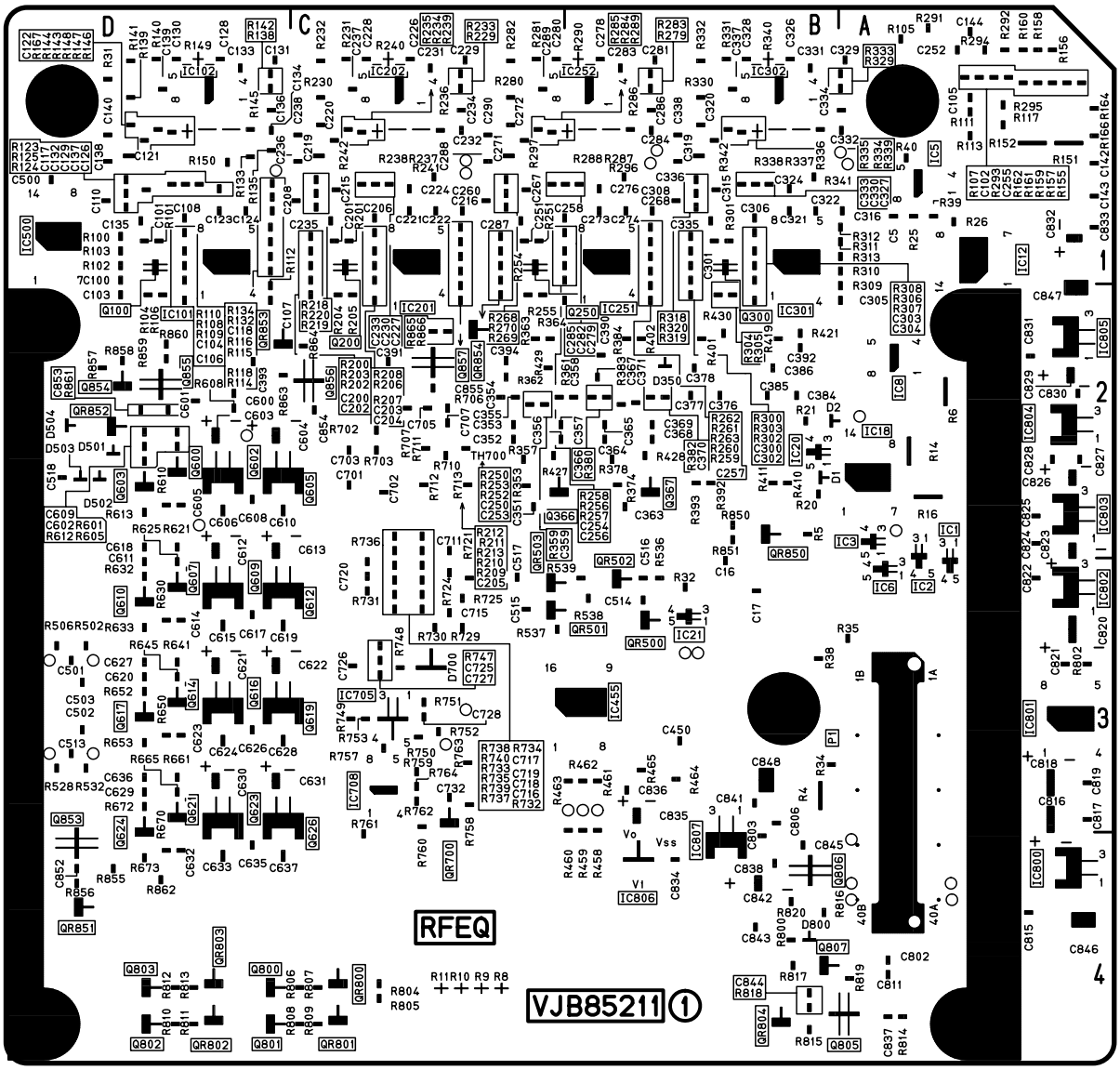


(COMPONENT SIDE)

RFEQ P.C.BOARD (VEP85211A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	A3	IC801	A3	Q616	D3	QR700	C3
IC2	A2	IC802	A3	Q617	D3	QR800	C4
IC3	A2	IC803	A2	Q619	D3	QR801	C4
IC5	A1	IC804	A2	Q621	D3	QR802	D4
IC6	A3	IC805	A2	Q623	D3	QR803	D4
IC8	A2	IC806	B4	Q624	D3	QR804	B4
IC12	A1	IC807	B4	Q626	D3	QR850	B2
IC18	A2	P1	A3	Q800	D4	QR851	D4
IC20	B2	Q100	D1	Q801	D4	QR852	D2
IC21	B3	Q200	C1	Q802	D4	QR853	D2
IC101	D1	Q250	C1	Q803	D4	QR854	C2
IC102	D1	Q300	B1	Q805	A4		
IC201	C1	Q366	C2	Q806	B4		
IC202	C1	Q367	B2	Q807	B4		
IC251	B1	Q600	D2	Q853	D4		
IC252	B1	Q602	D2	Q854	D2		
IC301	B1	Q603	D2	Q855	D2		
IC302	B1	Q605	D2	Q856	C2		
IC455	B3	Q607	D3	Q857	C2		
IC500	D1	Q609	D3	QR500	B3		
IC705	C3	Q610	D3	QR501	C3		
IC708	C3	Q612	D3	QR502	B3		
IC800	A4	Q614	D3	QR503	C3		

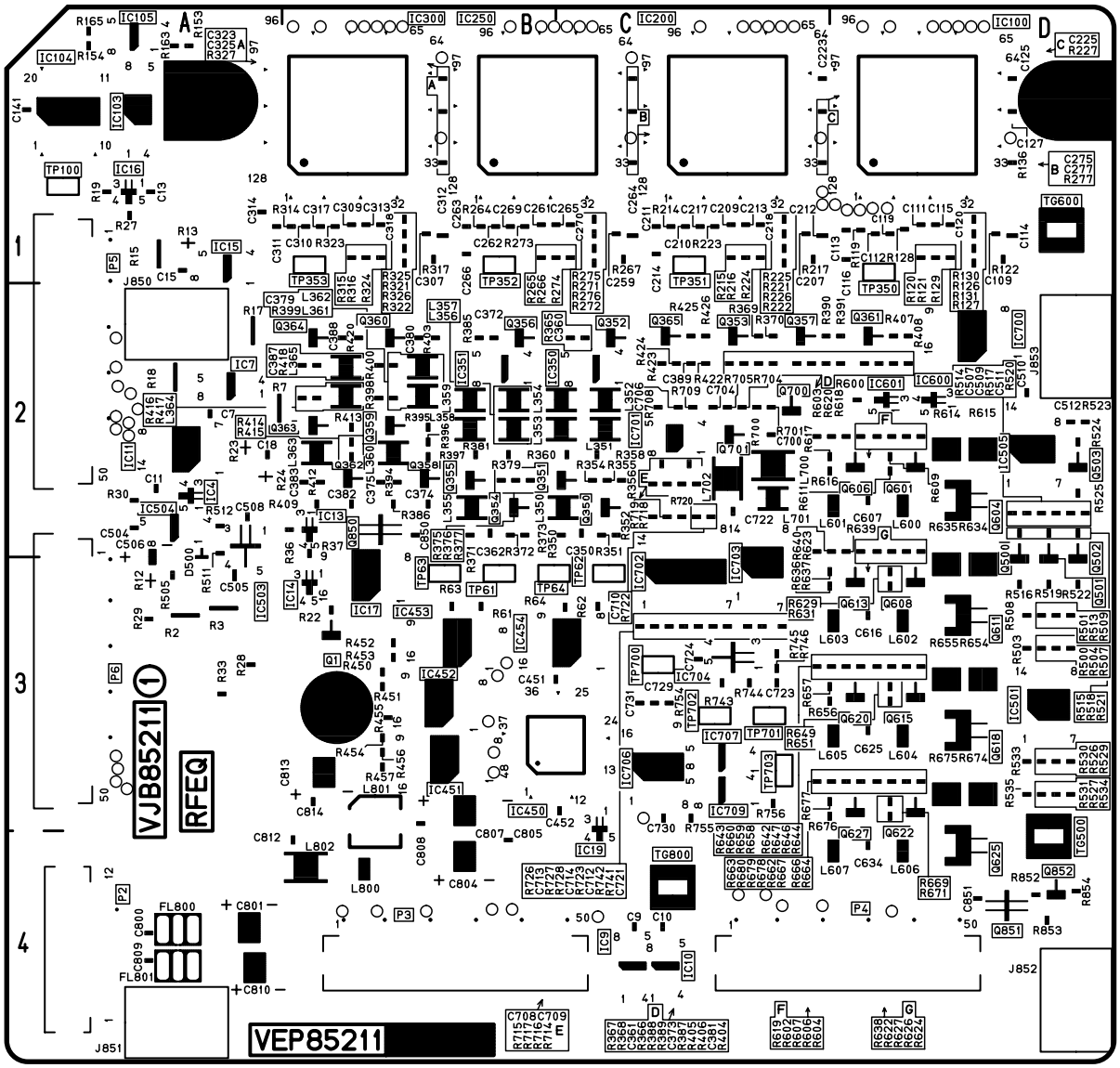


(FOIL SIDE)

RFEQ P.C.BOARD (VEP85211A)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC4	A2	IC453	B3	Q351	C2	Q611	D3	TP63	B3
IC7	A2	IC454	C3	Q352	C2	Q613	D3	TP64	B3
IC9	C4	IC501	D3	Q353	C2	Q615	D3	TP700	C3
IC10	C4	IC503	A2	Q354	B2	Q618	D3	TP701	C3
IC11	A2	IC504	A2	Q355	B2	Q620	D3	TP702	C3
IC13	B2	IC505	D2	Q356	B2	Q622	D3	TP703	C3
IC14	B3	IC600	D2	Q357	C2	Q625	D4		
IC15	A1	IC601	D2	Q358	B2	Q627	D3		
IC16	A1	IC700	D2	Q359	B2	Q700	C2		
IC17	B3	IC701	C2	Q360	B2	Q701	C2		
IC19	C3	IC702	C3	Q361	D2	Q850	B2		
IC100	D1	IC703	C3	Q362	B2	Q851	D4		
IC103	A1	IC704	C3	Q363	B2	Q852	D4		
IC104	A1	IC706	C3	Q364	B2	TG500	D4		
IC105	A1	IC707	C3	Q365	C2	TG600	D1		
IC200	C1	IC709	C3	Q500	D3	TG800	C4		
IC250	B1	P2	A4	Q501	D3	TP100	A1		
IC300	B1	P3	B4	Q502	D3	TP350	D1		
IC350	C2	P4	D4	Q503	D2	TP351	C1		
IC351	B2	P5	A2	Q601	D2	TP352	B1		
IC450	B3	P6	A3	Q604	D2	TP353	B1		
IC451	B3	Q1	B3	Q606	D2	TP61	B3		
IC452	B3	Q350	C2	Q608	D3	TP62	C3		



(COMPONENT SIDE)

SERVO P.C.BOARD (SDX900/P:VEP82248C)
(SDX900E/D908MC:VEP82248A)

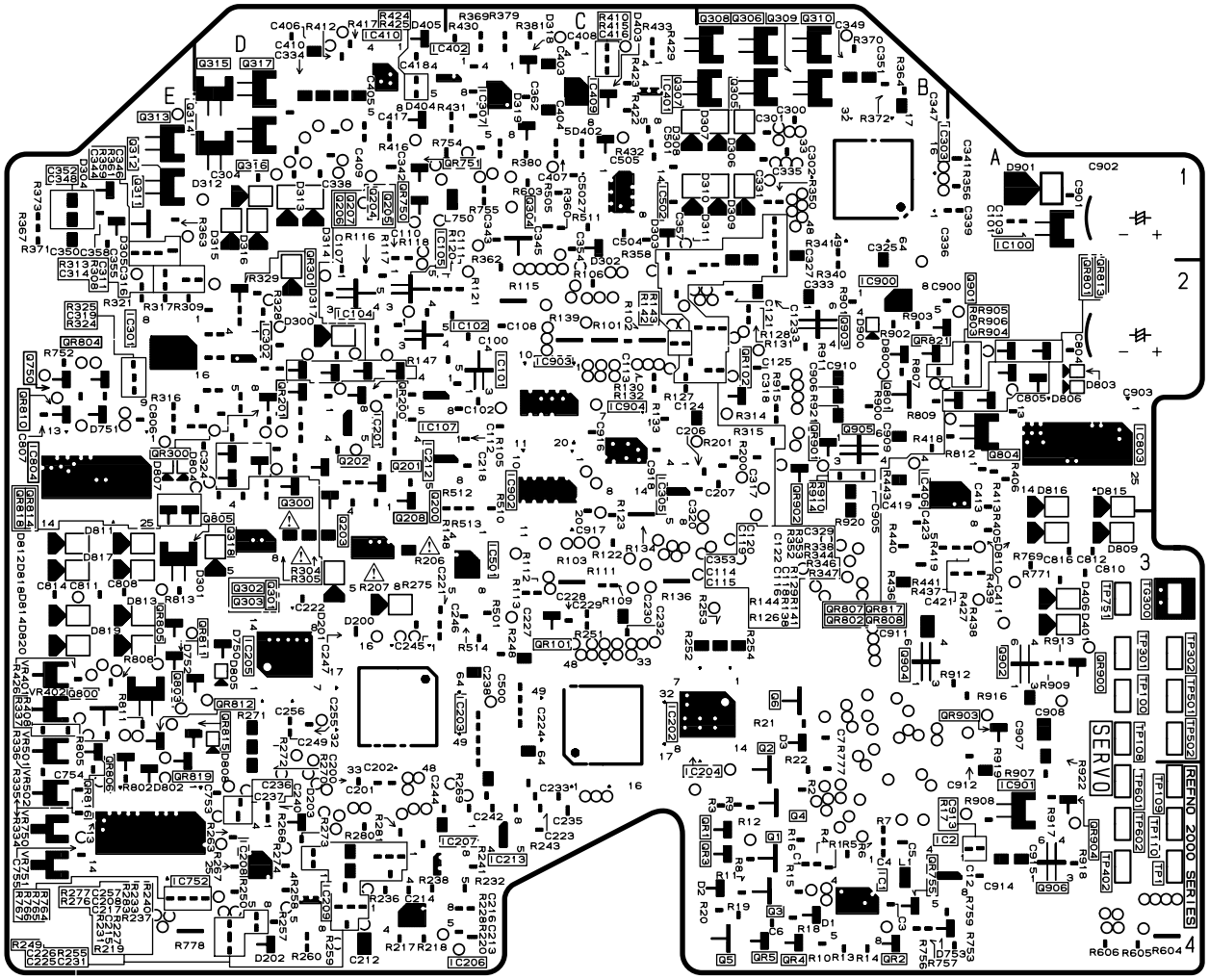
FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	B4	IC212	C2	IC900	B2	Q206	D2	Q314	D1	QR1	B4	QR805	E3	QR902	B2	VR401	E3
IC2	A4	IC213	C4	IC901	A4	Q207	D2	Q315	D1	QR2	B4	QR806	E3	QR903	A3	VR402	E3
IC100	A1	IC301	E2	IC902	C2	Q208	D3	Q316	D1	QR3	B4	QR807	A2	QR904	A4	VR501	E3
IC101	C2	IC302	D2	IC903	C2	Q300	D2	Q317	D1	QR4	B4	QR808	A2	TG300	A3	VR502	E4
IC102	D2	IC303	B1	IC904	C2	Q301	D2	Q318	D3	QR5	B4	QR810	E2	TP1	A4	VR750	E4
IC104	D2	IC305	C2	Q1	B4	Q302	D2	Q750	E2	QR101	C3	QR811	E3	TP100	A3	VR751	E4
IC105	D2	IC307	C1	Q2	B4	Q303	D2	Q800	E3	QR102	B2	QR812	E3	TP108	A3		
IC107	D2	IC401	C1	Q3	B4	Q304	C1	Q801	B2	QR200	D2	QR813	A2	TP109	A4		
IC201	D2	IC402	C1	Q4	B4	Q305	B1	Q803	E3	QR201	D2	QR814	E2	TP110	A4		
IC202	C3	IC406	B2	Q5	B4	Q306	B1	Q804	A2	QR300	D2	QR815	D3	TP301	A3		
IC203	D3	IC409	C1	Q6	B3	Q307	B1	Q805	E3	QR301	D2	QR816	E3	TP302	A3		
IC204	B3	IC410	D1	Q200	D2	Q308	B1	Q901	A2	QR750	D1	QR817	A2	TP402	A4		
IC205	D3	IC501	C3	Q201	D2	Q309	B1	Q902	A3	QR751	D1	QR818	E2	TP501	A3		
IC206	D4	IC502	C1	Q202	D2	Q310	B1	Q903	B2	QR755	B4	QR819	E4	TP502	A3		
IC207	D4	IC752	E4	Q203	D2	Q311	E1	Q904	B3	QR801	A2	QR821	B2	TP601	A4		
IC208	D4	IC803	A2	Q204	D2	Q312	E1	Q905	B2	QR802	A2	QR900	A3	TP602	A4		
IC209	D4	IC804	E2	Q205	D2	Q313	E1	Q906	A4	QR804	E2	QR901	B2	TP751	A3		

⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

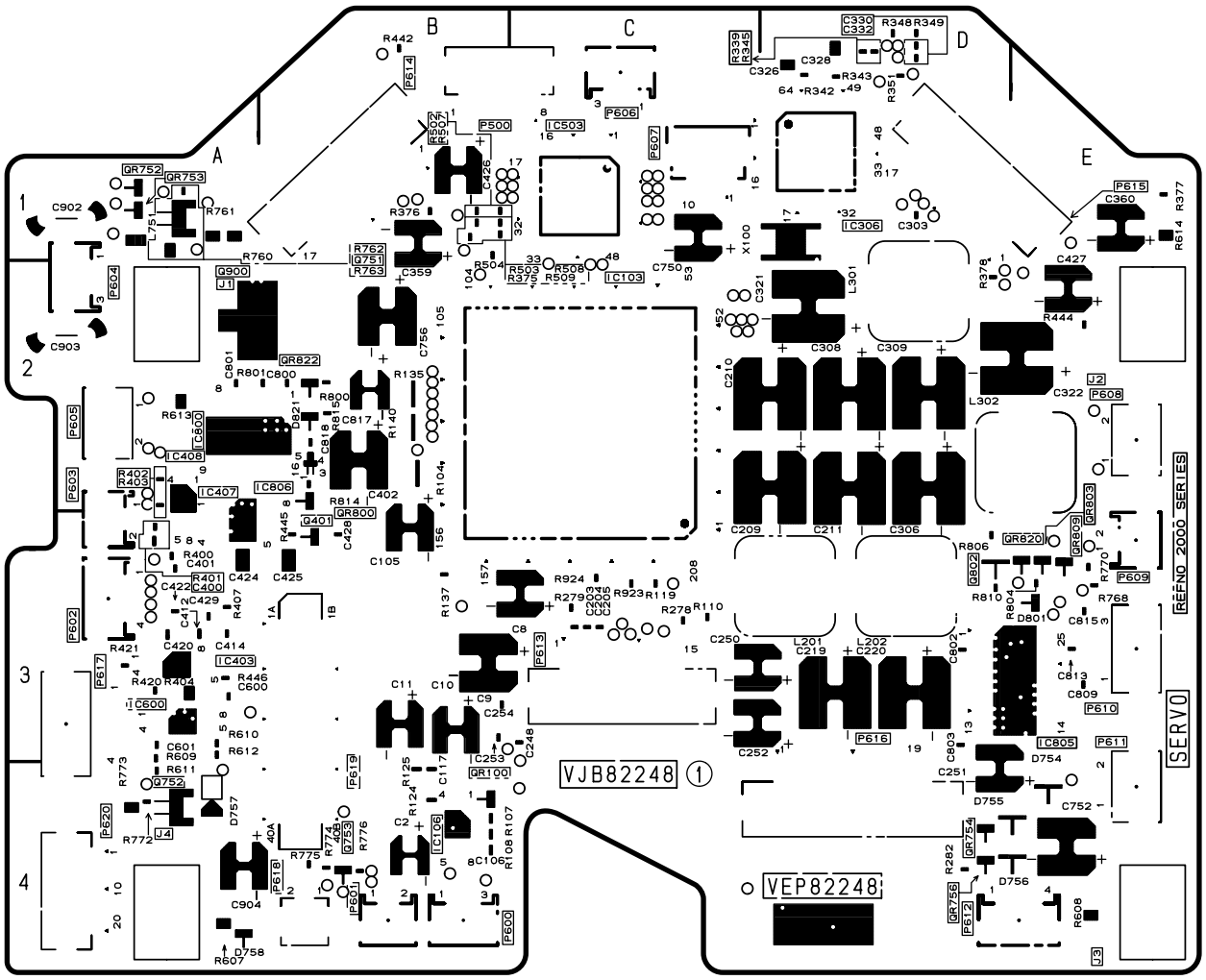


(FOIL SIDE)

SERVO P.C.BOARD (SDX900/P:VEP82248C)
(SDX900E/D908MC:VEP82248A)

COMPONENT SIDE

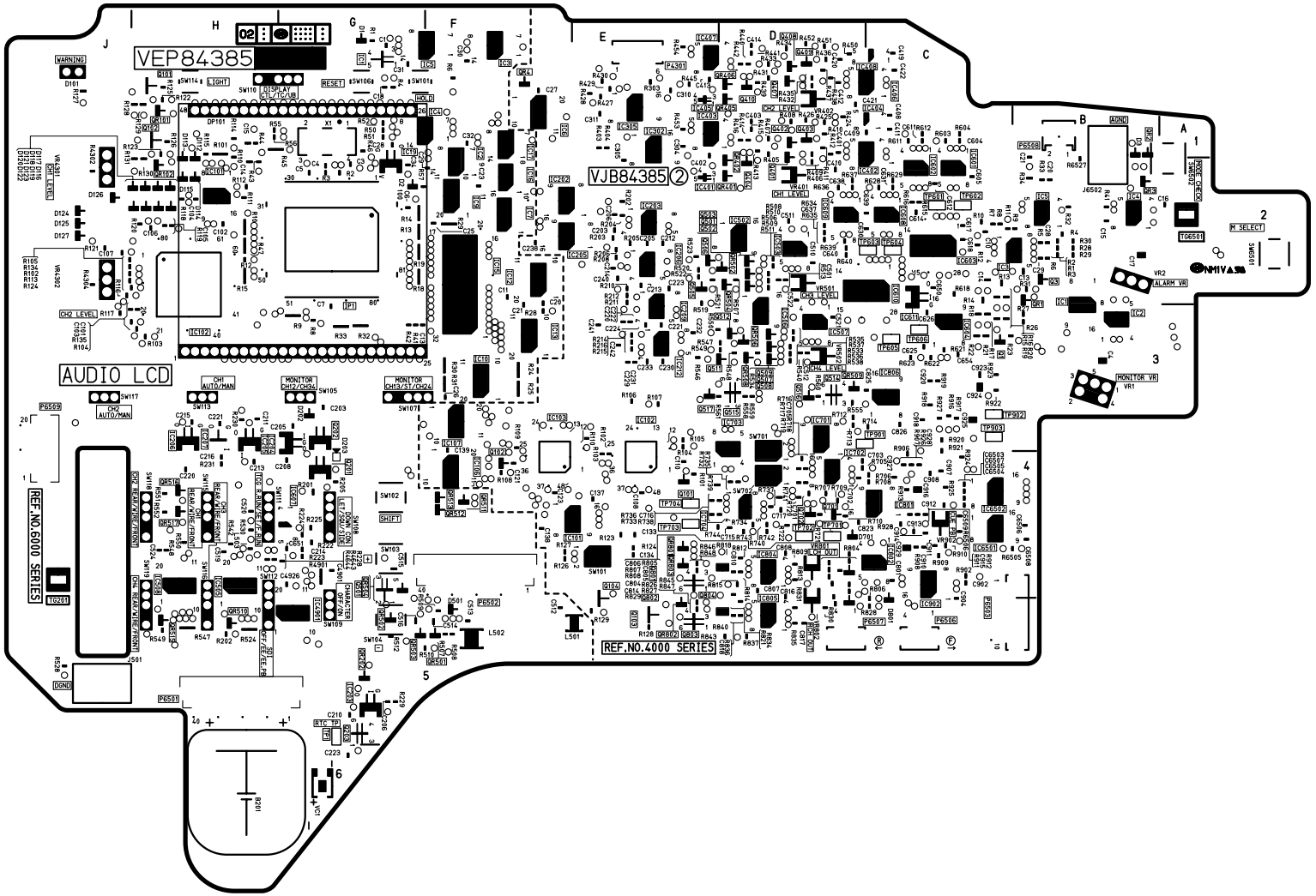
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IC103	C2	P605	A2	Q751	A1
IC106	B4	P606	C1	Q752	A4
IC306	D1	P607	C1	Q753	B4
IC403	A3	P608	E2	Q802	D3
IC407	A2	P609	E3	Q900	A2
IC408	A2	P610	E3	QR100	B4
IC503	C1	P611	E4	QR752	A1
IC600	A3	P612	E4	QR753	A1
IC800	A2	P613	C3	QR754	D4
IC805	E3	P614	B1	QR756	D4
IC806	A3	P615	D1	QR800	B2
P500	B1	P616	D4	QR803	E3
P600	B4	P617	A3	QR809	E3
P601	B4	P618	B4	QR820	E3
P602	A3	P619	B3	QR822	B2
P603	A3	P620	A4		
P604	A2	Q401	B3		



(COMPONENT SIDE)

AUDIO LCD P.C.BOARD (SDX900/P:VEP84385C)
(SDX900E/D908MC:VEP84385A)

CBA-17

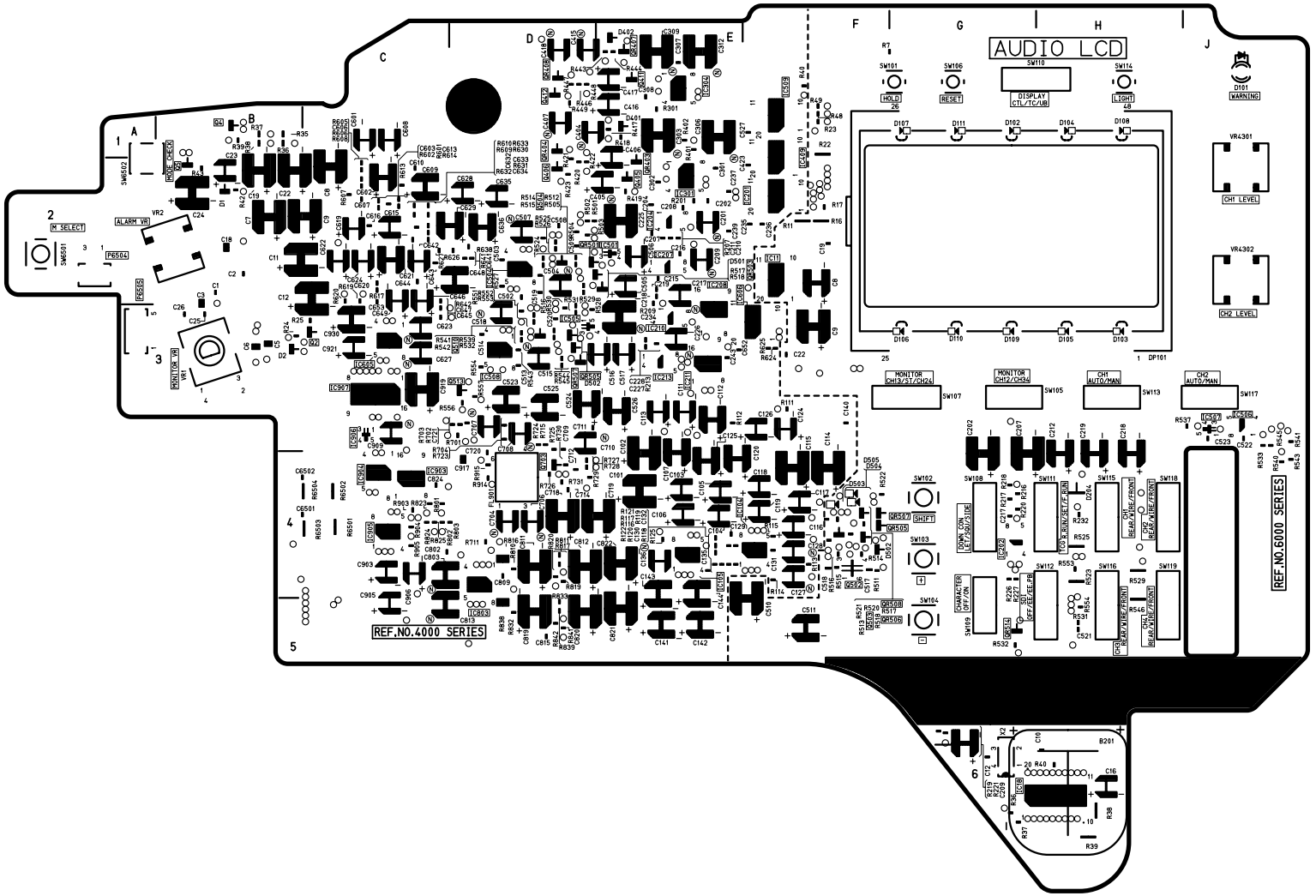


(FOIL SIDE)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC
IC4001	B2	IC6102	H2	QR4405	D1
IC4002	B3	IC6203	G5	QR4406	D1
IC4003	B2	IC6204	G3	QR4502	D2
IC4004	B2	IC6205	H3	QR4504	D2
IC4005	B2	IC6206	H3	QR4506	D3
IC4006	F1	IC6207	H3	QR4508	D3
IC4101	E4	IC6501	C4	QR4509	D3
IC4102	E4	IC6502	C4	QR4801	E4
IC4103	F4	IC6505	H4	QR4802	E5
IC4106	F4	IC6508	H4	QR4803	E4
IC4107	F3	IC6607	G4	QR6101	H1
IC4202	F2	IP6001	G2	QR6102	H2
IC4203	E2	P4301	E1	QR6202	G5
IC4205	F2	P6501	H5	QR6501	F5
IC4206	E2	P6502	F4	QR6502	G5
IC4209	E3	P6503	B5	QR6503	G5
IC4212	E3	P6506	C5	QR6504	G4
IC4302	E1	P6507	D5	QR6510	H5
IC4305	E1	P6508	B1	QR6511	F4
IC4401	E2	P6509	J3	QR6512	F4
IC4402	C1	Q4001	C3	QR6513	F4
IC4403	E1	Q4003	B2	QR6515	H5
IC4404	C1	Q4101	E4	QR6516	H4
IC4405	E1	Q4102	F4	QR6517	H4
IC4406	C1	Q4103	E5	TG6201	J4
IC4407	E1	Q4104	E5	TG6501	A2
IC4408	C1	Q4401	D2	TP4601	C2
IC4502	D2	Q4402	D1	TP4602	C2
IC4503	D2	Q4403	D1	TP4603	C2
IC4506	D3	Q4404	D2	TP4604	C2
IC4507	D3	Q4407	D1	TP4605	C3
IC4601	C2	Q4408	D1	TP4606	C3
IC4602	C2	Q4409	D1	TP4701	D4
IC4603	C2	Q4410	D1	TP4702	D4
IC4604	C3	Q4501	D2	TP4703	E4
IC4608	C2	Q4502	D2	TP4704	E4
IC4609	D2	Q4503	D2	TP4901	D3
IC4610	C2	Q4505	E2	TP4902	C3
IC4611	C2	Q4506	E2	TP4903	C3
IC4701	D3	Q4507	D3	TP6001	G5
IC4702	D4	Q4508	D3	VC6001	G6
IC4703	D3	Q4509	D3	VR4001	B3
IC4704	D4	Q4511	E3	VR4002	B2
IC4801	C4	Q4512	D3	VR4301	J2
IC4802	C4	Q4514	D3	VR4302	J2
IC4804	D4	Q4515	D3	VR4401	D2
IC4805	D5	Q4516	D3	VR4402	D1
IC4806	C3	Q4517	E3	VR4501	D2
IC4901	G5	Q4701	D4	VR4502	D3
IC4902	C4	Q4702	D4	VR4801	D4
IC6001	G1	Q4801	D4	VR4802	D5
IC6002	F2	Q4802	D5	VR4902	C4
IC6003	F1	Q4803	E5		
IC6004	G2	Q4804	E4		
IC6005	F1	Q6101	H1		
IC6007	F2	Q6102	H1		
IC6009	F2	Q6201	G4		
IC6010	F3	Q6202	G3		
IC6012	F2	Q6203	G5		
IC6013	F3	Q6501	G4		
IC6015	F2	QR4001	B2		
IC6016	F2	QR4002	B1		
IC6017	F1	QR4003	B2		
IC6019	G2	QR4401	D2		
IC6101	H2	QR4402	D2		

AUDIO LCD P.C.BOARD (SDX900/P:VEP84385C)
(SDX900E/D908MC:VEP84385A)



COMPONENT SIDE

REF	LOC
IC4104	F4
IC4105	E4
IC4201	F2
IC4204	E2
IC4207	E2
IC4208	E3
IC4210	E3
IC4211	E3
IC4213	E3
IC4301	E2
IC4304	E1
IC4409	F1
IC4501	E2
IC4504	D2
IC4505	D3
IC4508	D3
IC4509	F1
IC4605	C3
IC4606	F3
IC4803	D4
IC4903	C4
IC4904	C4
IC4905	C4
IC4906	C3
IC4907	C3
IC6011	F2
IC6018	G6
IC6202	G4
IC6506	J3
IC6507	J3
P6504	A2
P6505	A3
Q4002	C3
Q4004	B1
Q4005	B2
Q4405	E2
Q4406	D2
Q4411	E1
Q4412	D1
Q4504	D2
Q4510	D3
Q4513	D3
Q4703	D4
Q6502	F4
Q6503	F4
QR4403	E1
QR4404	D1
QR4407	E1
QR4408	D1
QR4501	D2
QR4503	E2
QR4505	E3
QR4507	D3
QR6505	F4
QR6506	F4
QR6507	F4
QR6508	F4
QR6514	G5
VR4001	B3
VR4301	J2
VR4302	J2

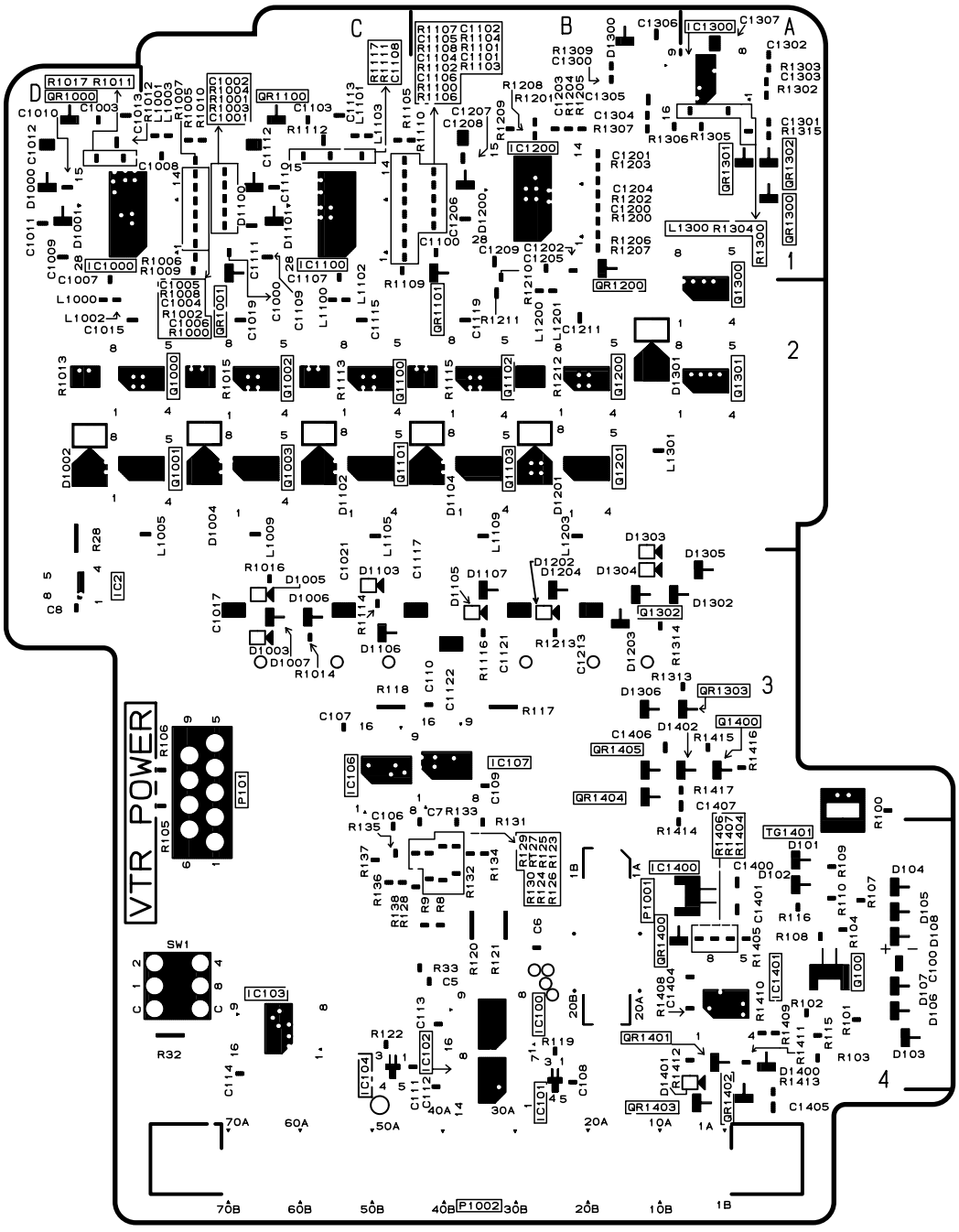
CBA-18

(COMPONENT SIDE)

VTR_POWER P.C.BOARD (SDX900/P:VEP81227B)
(SDX900E/D908MC:VEP81227A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC2	D3	P101	C3	Q1300	A2	QR1401	A4
IC100	B4	P1001	B4	Q1301	A2	QR1402	A5
IC101	B4	P1002	B5	Q1302	B3	QR1403	A5
IC102	B4	Q100	A4	Q1400	A3	QR1404	B3
IC103	C4	Q1000	C2	QR1000	D1	QR1405	B3
IC104	C4	Q1001	C2	QR1001	C1	TG1401	A3
IC106	C3	Q1002	C2	QR1100	C1		
IC107	B3	Q1003	C2	QR1101	B1		
IC1000	D1	Q1100	C2	QR1200	B1		
IC1100	C1	Q1101	C2	QR1300	A1		
IC1200	B1	Q1102	B2	QR1301	A1		
IC1300	A1	Q1103	B2	QR1302	A1		
IC1400	A4	Q1200	B2	QR1303	A3		
IC1401	A4	Q1201	B2	QR1400	B4		

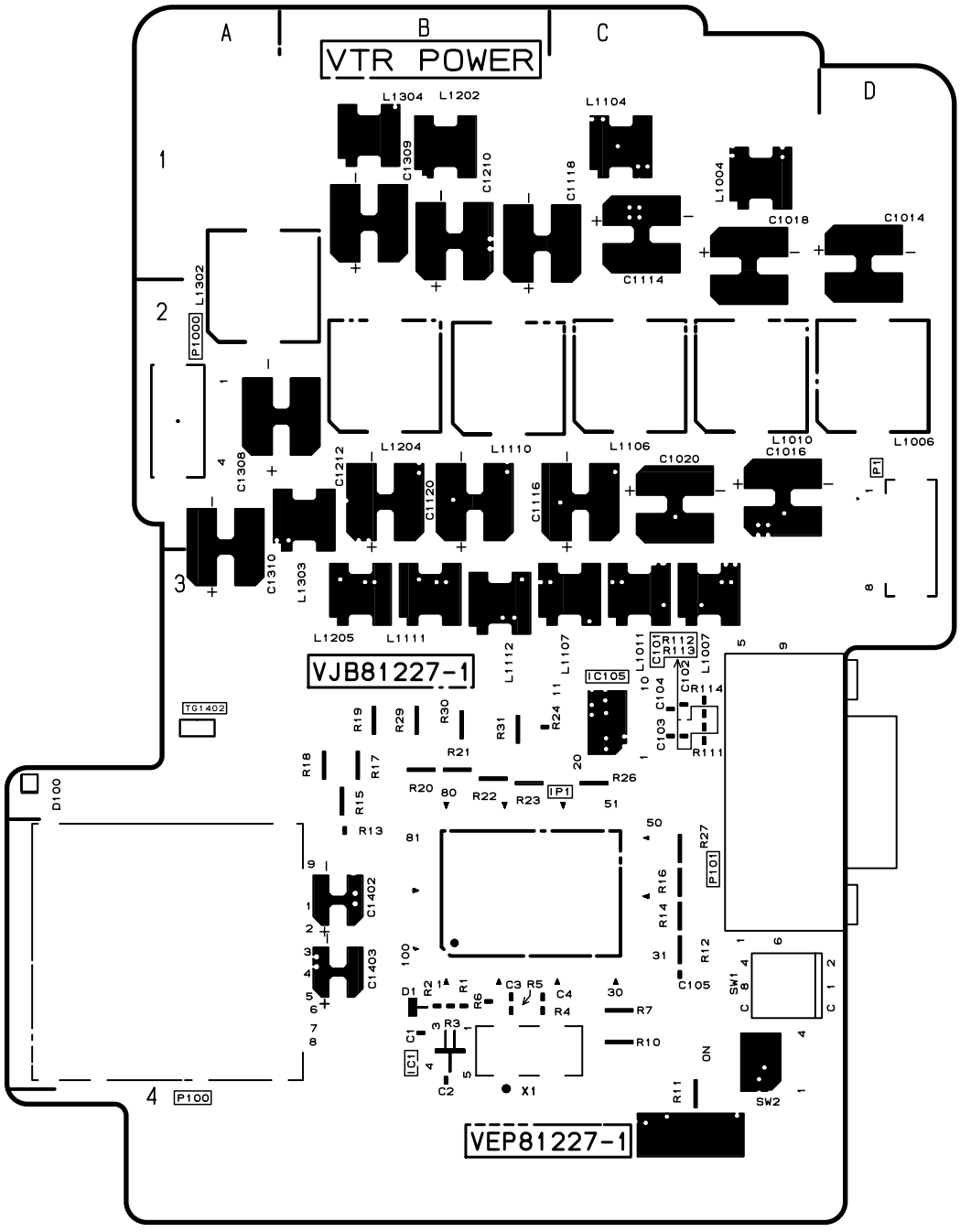


(FOIL SIDE)

VTR_POWER P.C.BOARD (SDX900/P:VEP81227B)
(SDX900E/D908MC:VEP81227A)

COMPONENT SIDE

REF	LOC
IC1	B4
IC105	C3
P1	D2
P100	A4
P101	C3
P1000	A2
TG1402	A3

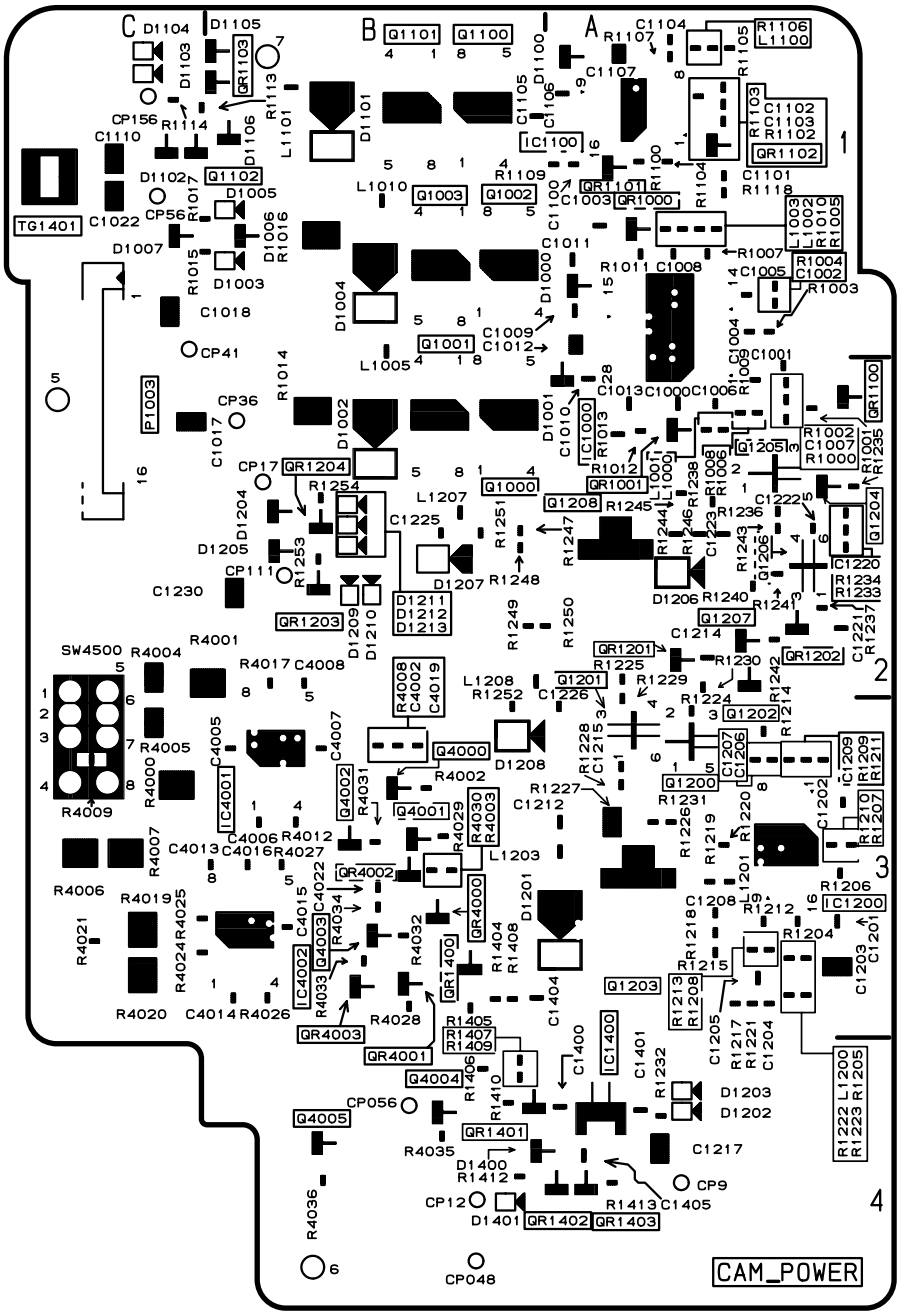


(COMPONENT SIDE)

CAM_POWER P.C.BOARD (VEP21280A)

FOIL SIDE

REF	LOC	REF	LOC	REF	LOC
IC1000	A1	Q1202	A2	QR1101	A1
IC1100	A1	Q1203	A3	QR1102	A1
IC1200	A3	Q1204	A2	QR1103	B1
IC1400	A4	Q1205	A2	QR1201	A2
IC4001	B3	Q1206	A2	QR1202	A2
IC4002	B3	Q1207	A2	QR1203	B2
P1003	C2	Q1208	A2	QR1204	B2
Q1000	B2	Q4000	B3	QR1400	B3
Q1001	B2	Q4001	B3	QR1401	B4
Q1002	B1	Q4002	B3	QR1402	A4
Q1003	B1	Q4003	B3	QR1403	A4
Q1100	B1	Q4004	B4	QR4000	B3
Q1101	B1	Q4005	B4	QR4001	B3
Q1102	B1	QR1000	A1	QR4002	B3
Q1200	A3	QR1001	A2	QR4003	B3
Q1201	A3	QR1100	A2	TG1401	C1

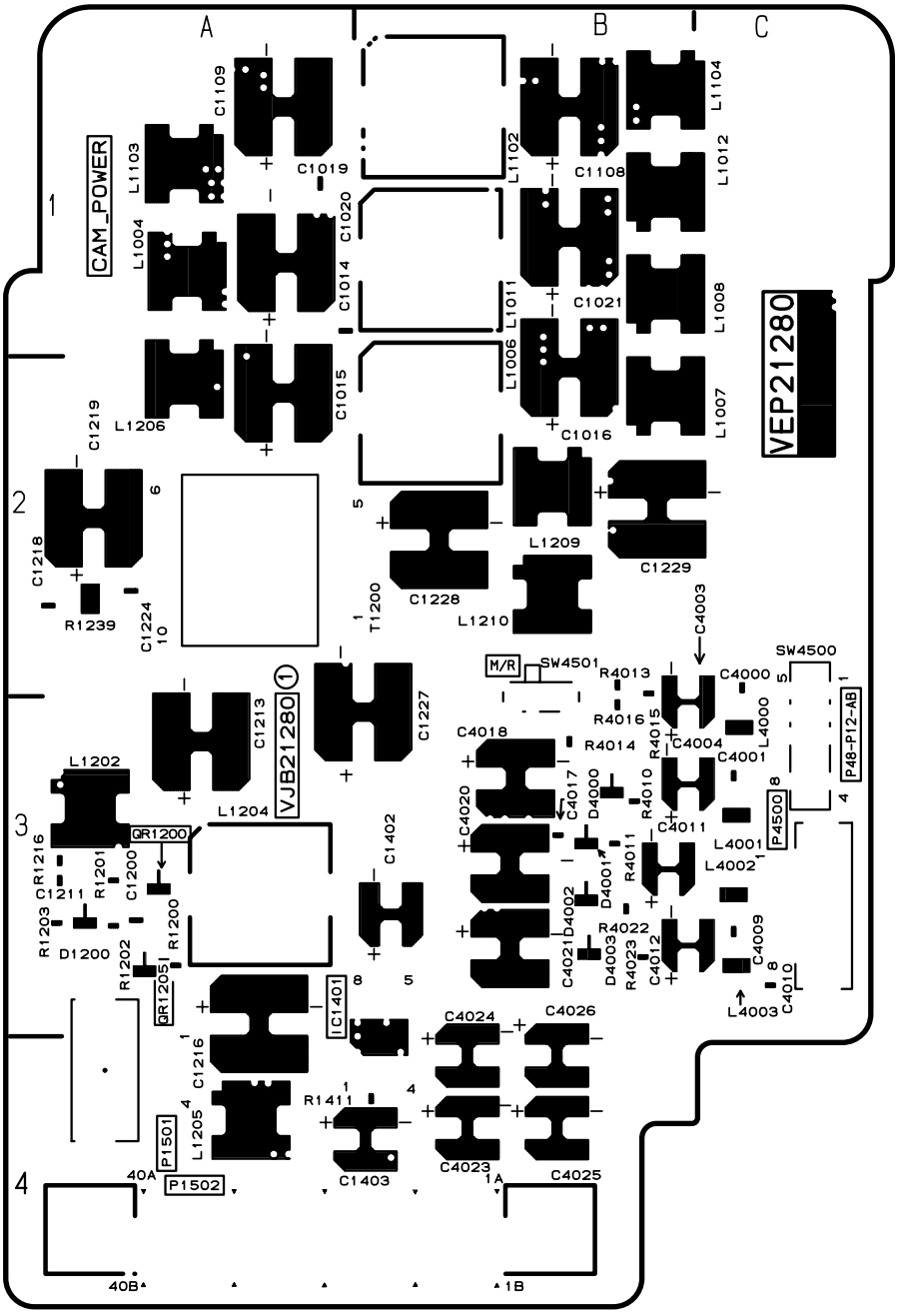


(FOIL SIDE)

CAM_POWER P.C.BOARD (VEP21280A)

COMPONENT SIDE

REF	LOC
IC1401	A3
P1501	A4
P1502	A4
P4500	C3
QR1200	A3
QR1205	A3

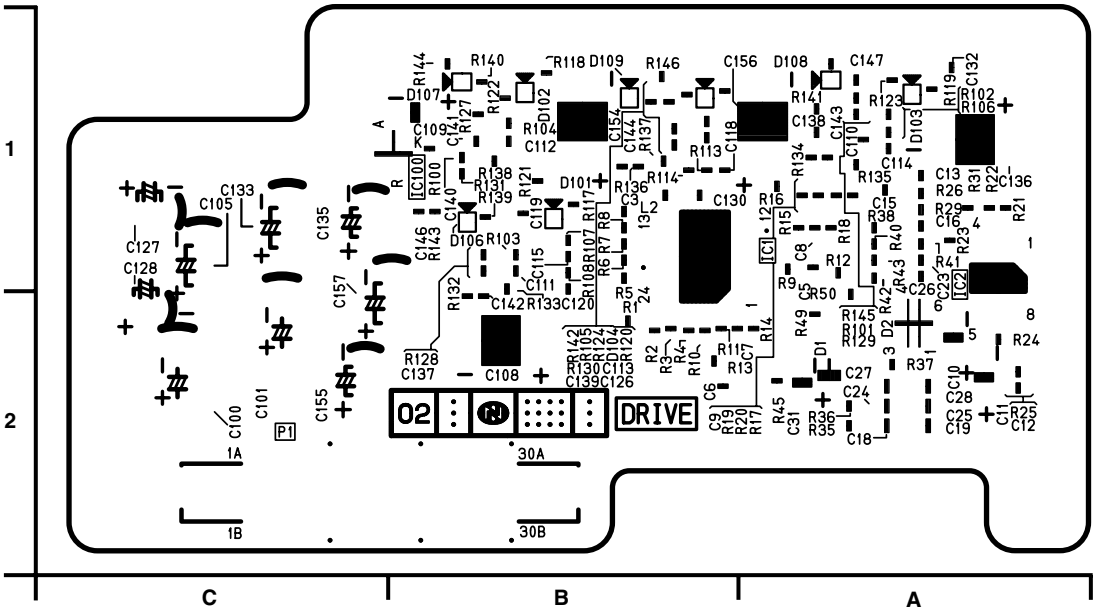


(COMPONENT SIDE)

DRIVE P.C.BOARD (VEP20982A)

FOIL SIDE

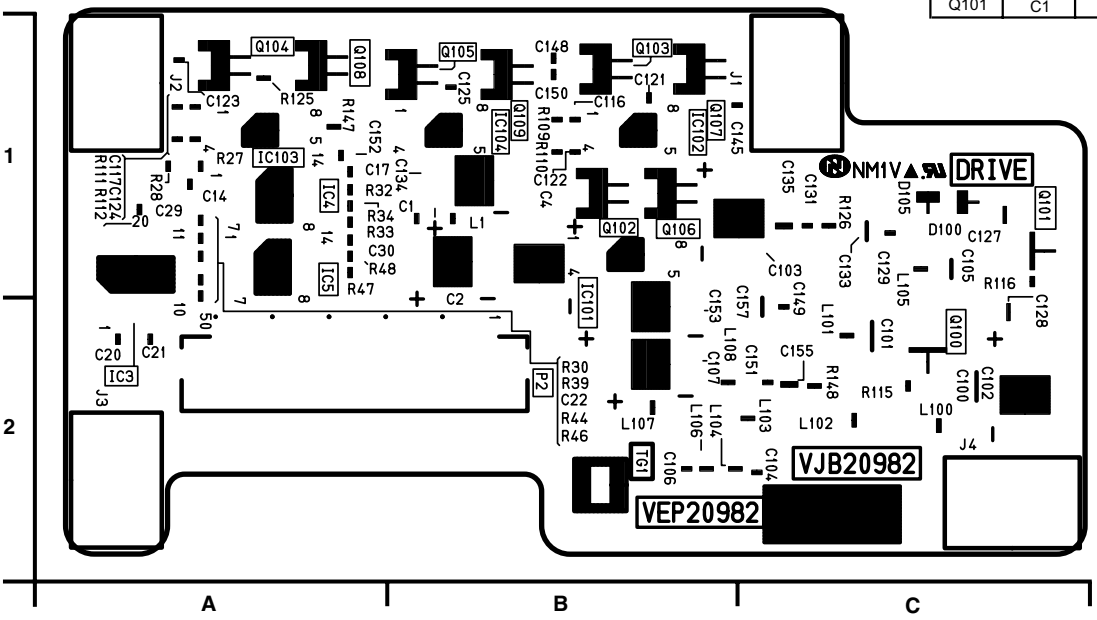
REF	LOC
IC1	B1
IC2	A1
IC100	B1
P1	C2



(FOIL SIDE)

COMPONENT SIDE

REF	LOC	REF	LOC
IC3	A1	Q102	B1
IC4	A1	Q103	B1
IC5	A1	Q104	A1
IC101	B1	Q105	B1
IC102	B1	Q106	B1
IC103	A1	Q107	B1
IC104	B1	Q108	A1
P2	A2	Q109	B1
Q100	C2	TG1	B2
Q101	C1		

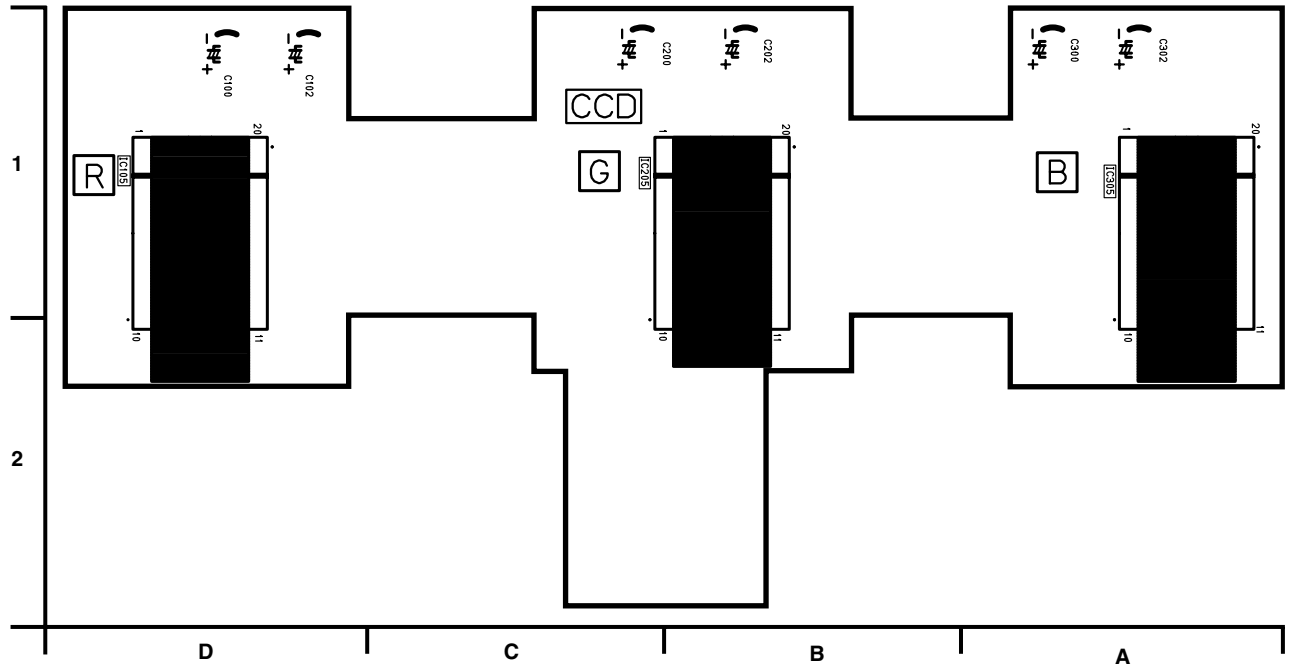


(COMPONENT SIDE)

CCD P.C.BOARD (VEP20981A)

FOIL SIDE

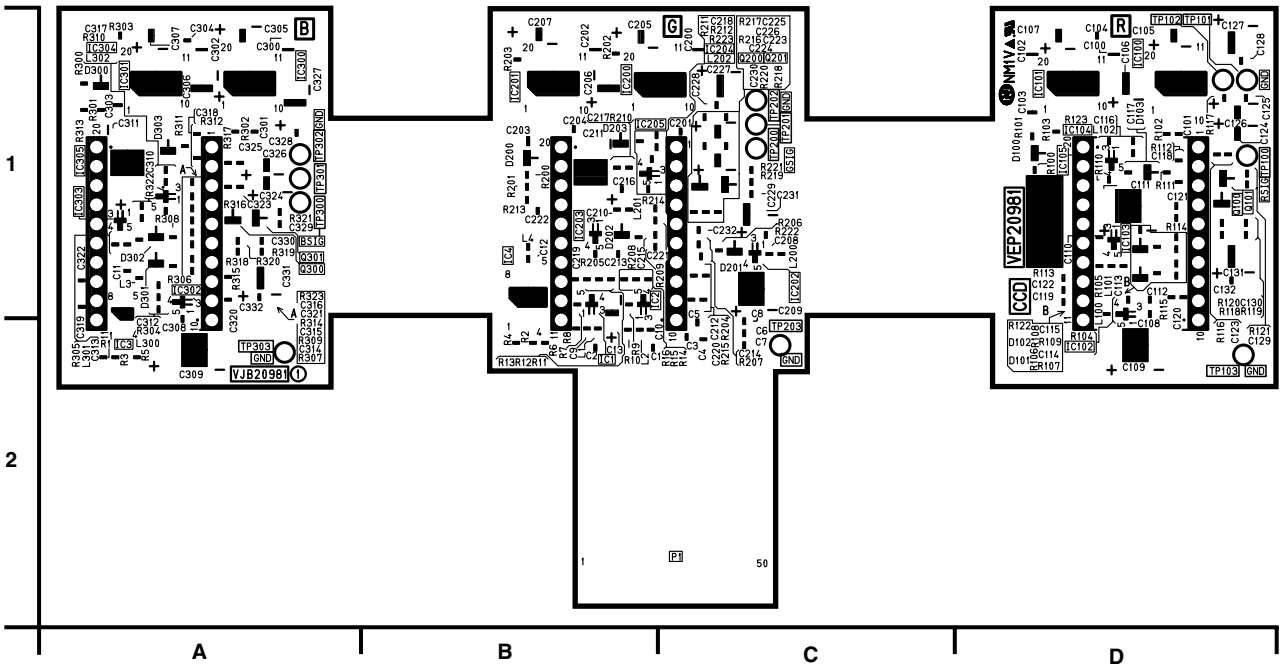
REF	LOC
IC305	A1
IC105	D1
IC205	B1



(FOIL SIDE)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC1	B1	IC103	D1	IC204	B1	IC305	A1	Q301	A1	TP202	C1
IC2	B1	IC104	D1	IC205	B1	P1	C2	TP100	D1	TP203	C2
IC3	A1	IC105	D1	IC300	A1	Q100	D1	TP101	D1	TP300	A1
IC4	B1	IC200	B1	IC301	A1	Q101	D1	TP102	D1	TP301	A1
IC100	D1	IC201	B1	IC302	A1	Q200	C1	TP103	D2	TP302	A1
IC101	D1	IC202	C1	IC303	A1	Q201	C1	TP200	C1	TP303	A2
IC102	D1	IC203	B1	IC304	A1	Q300	A1	TP201	C1		



(COMPONENT SIDE)

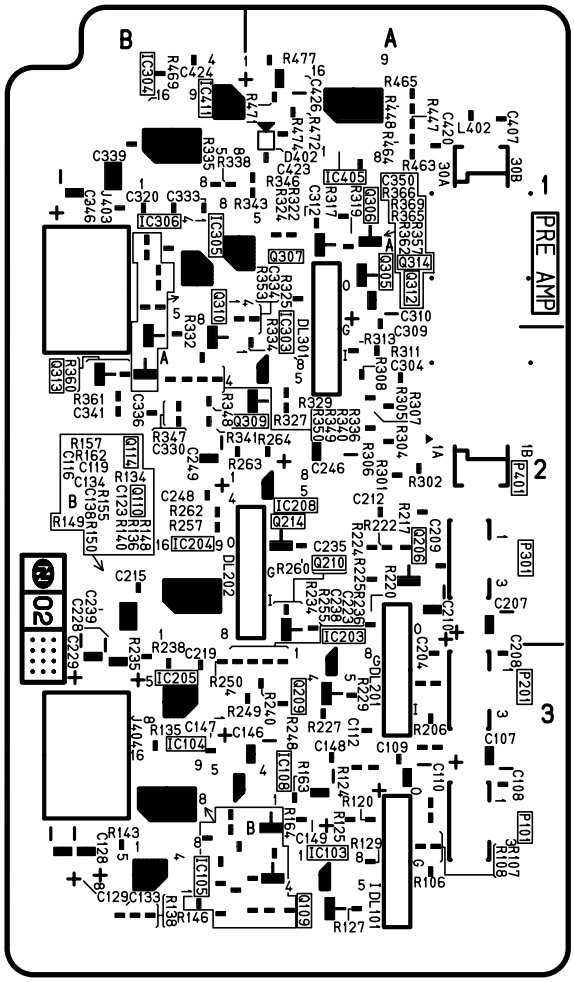
PRE AMP P.C.BOARD (SDX900/P:VEP25122C)
(SDX900E/D908MC:VEP25122A)

FOIL SIDE

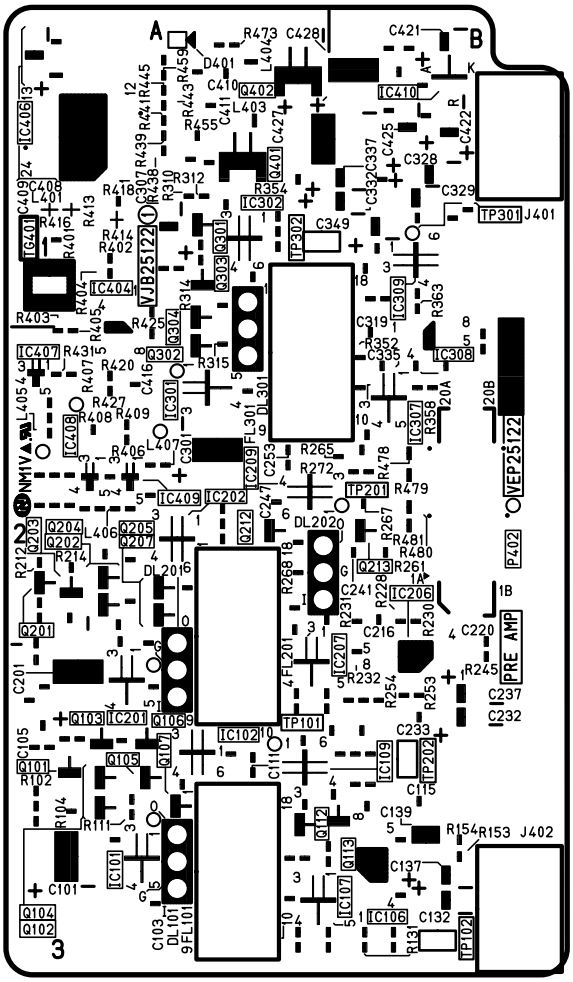
REF	LOC	REF	LOC
IC103	A3	Q309	A2
IC104	B3	Q310	B1
IC105	B3	Q312	B2
IC108	A3	Q313	B1
IC203	A3	Q314	B2
IC204	B2		
IC205	B3		
IC208	A2		
IC303	A3		
IC304	B1		
IC305	B1		
IC306	B1		
IC405	A1		
IC411	B1		
P101	A3		
P201	A3		
P301	A2		
P401	A2		
Q109	A3		
Q110	A3		
Q114	A3		
Q206	A2		
Q209	A3		
Q210	A2		
Q214	A2		
Q305	A1		
Q306	A1		
Q307	A1		

COMPONENT SIDE

REF	LOC	REF	LOC
IC101	A3	Q107	A3
IC102	A2	Q112	A3
IC106	B3	Q113	B3
IC107	A3	Q201	A2
IC109	A3	Q202	A2
IC201	A3	Q203	A2
IC202	A2	Q204	A2
IC206	B3	Q205	A2
IC207	A3	Q207	A2
IC209	A2	Q212	A2
IC301	A2	Q213	B2
IC302	A1	Q301	A1
IC307	B2	Q302	A2
IC308	B2	Q303	A1
IC309	B1	Q304	A1
IC404	A1	Q401	A1
IC406	A1	Q402	A1
IC407	A2	TG401	A1
IC408	A2	TP101	A3
IC409	A2	TP102	B3
IC410	B1	TP201	B2
P402	B2	TP202	B3
Q101	A3	TP301	B1
Q102	A3	TP302	A1
Q103	A3		
Q104	A3		
Q105	A3		
Q106	A3		



(FOIL SIDE)

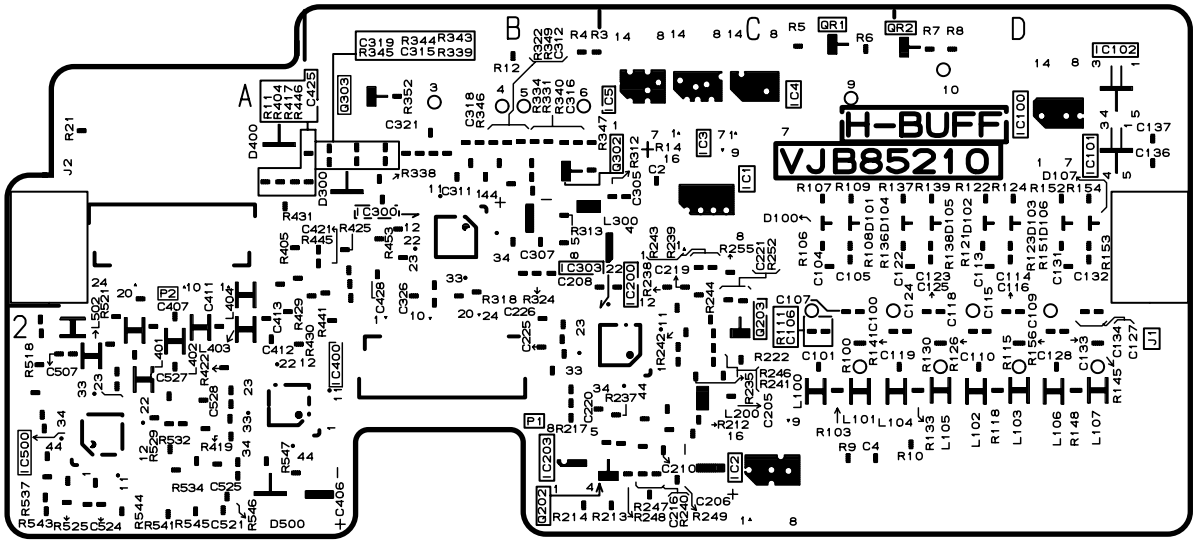


(COMPONENT SIDE)

H-BUFF P.C.BOARD (VEP85210A)

FOIL SIDE

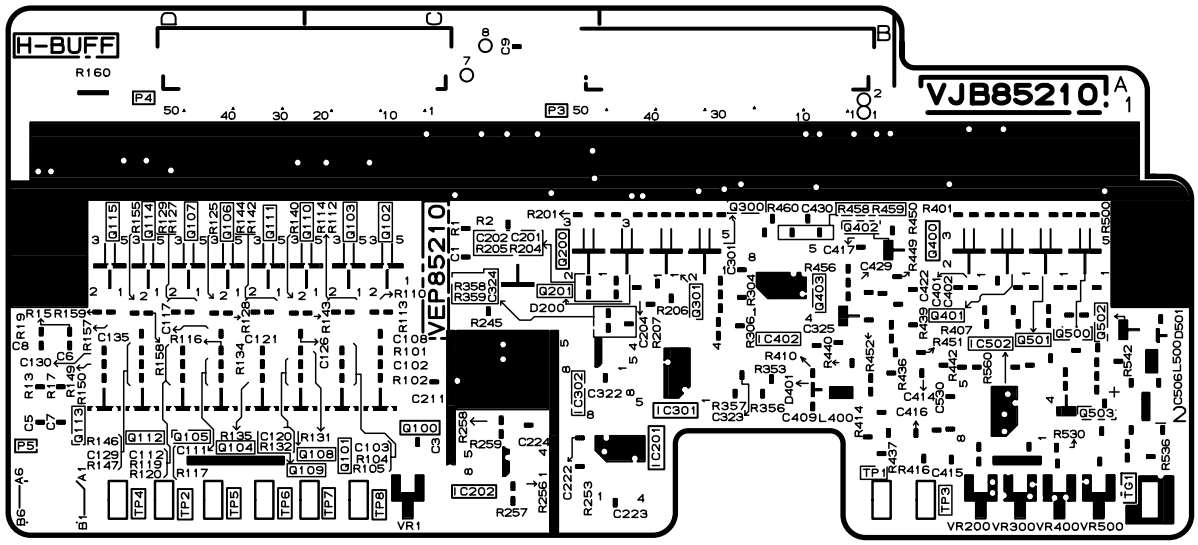
REF	LOC	REF	LOC	REF	LOC
IC1	C1	IC203	B2	Q302	B1
IC2	C2	IC300	B1	Q303	B1
IC3	C1	IC303	C1	QR1	C1
IC4	C1	IC400	A2	QR2	D1
IC5	C1	IC500	A2		
IC100	D1	P1	B2		
IC101	D1	P2	A1		
IC102	D1	Q202	C2		
IC200	C2	Q203	C2		



(FOIL SIDE)

COMPONENT SIDE

REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC	REF	LOC
IC201	B2	Q100	C2	Q109	D2	Q300	B1	Q503	A2	TP8	C2
IC202	C2	Q101	C2	Q110	C1	Q301	B1	TG1	A2	VR1	C2
IC301	B2	Q102	C1	Q111	D1	Q400	A1	TP1	B2	VR200	A2
IC302	C2	Q103	C1	Q112	D2	Q401	A1	TP2	D2	VR300	A2
IC402	B1	Q104	D2	Q113	D2	Q402	B1	TP3	A2	VR400	A2
IC502	A2	Q105	D2	Q114	D1	Q403	B2	TP4	D2	VR500	A2
P3	B1	Q106	D1	Q115	D1	Q500	A1	TP5	D2		
P4	C1	Q107	D1	Q200	C1	Q501	A1	TP6	D2		
P5	D2	Q108	D2	Q201	B1	Q502	A2	TP7	C2		



(COMPONENT SIDE)

REAR AUDIO P.C.BOARD (VEP84386A)

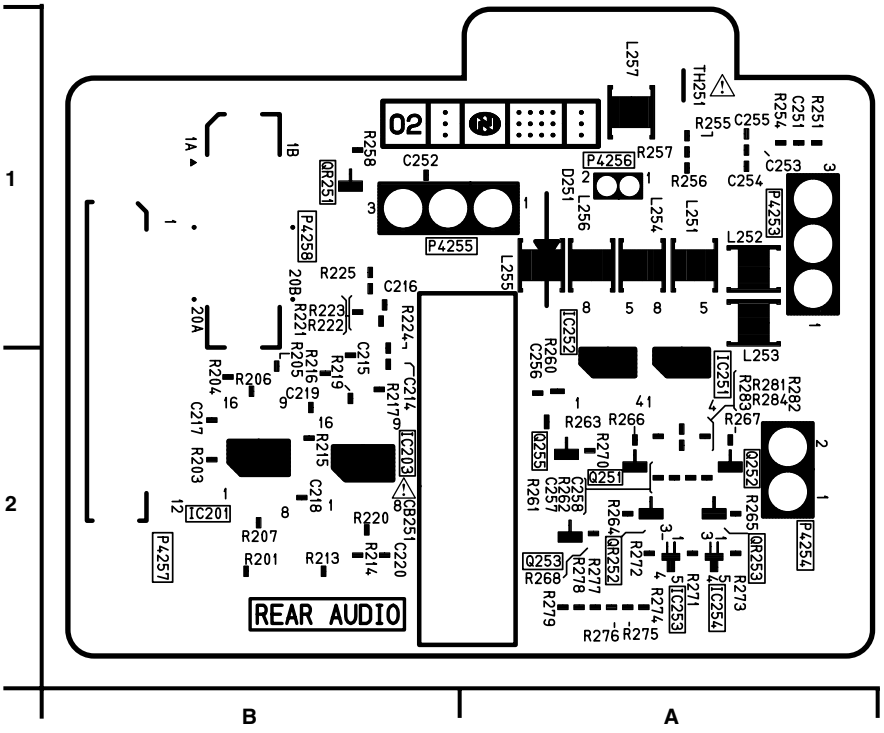
⚠ 警 告

⚠ 印の部品は安全上重要な部品です。
交換するときは、安全上および性能維持のため
必ず指定の部品をご使用ください。

IMPORTANT SAFETY NOTICE:
COMPONENTS IDENTIFIED WITH THE MARK ⚠ HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY.
WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

FOIL SIDE

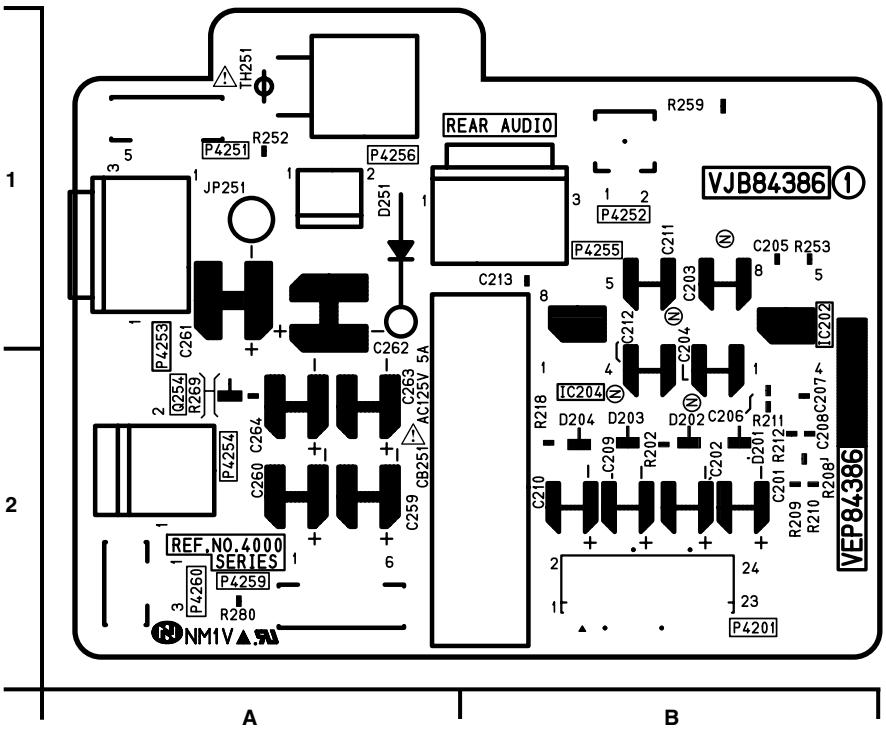
REF	LOC
IC201	B2
IC203	B2
IC251	A2
IC252	A2
IC253	A2
IC254	A2
P4253	A1
P4254	A2
P4255	B1
P4256	A1
P4257	B2
P4258	B1
Q251	A2
Q252	A2
Q253	A2
Q255	A2
QR251	B1
QR252	A2
QR253	A2



(FOIL SIDE)

COMPONENT SIDE

REF	LOC
IC202	B1
IC204	B1
P4201	B2
P4251	A1
P4252	B1
P4253	A1
P4254	A2
P4255	B1
P4256	A1
P4259	A2
P4260	A2
Q254	A2

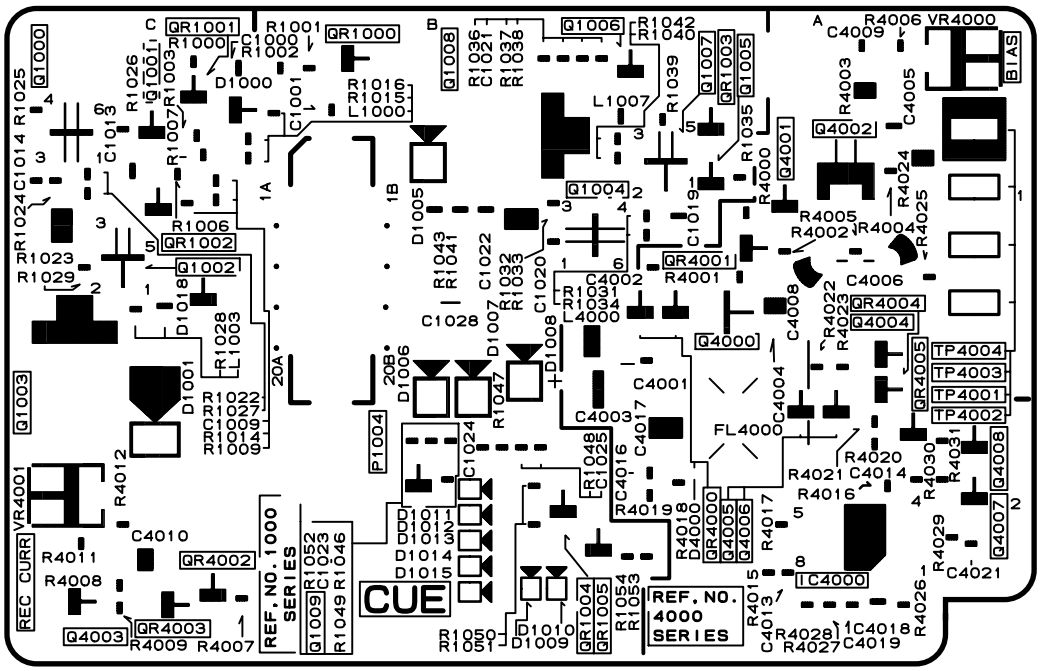


(COMPONENT SIDE)

CUE P.C.BOARD (VEP84388A)

FOIL SIDE

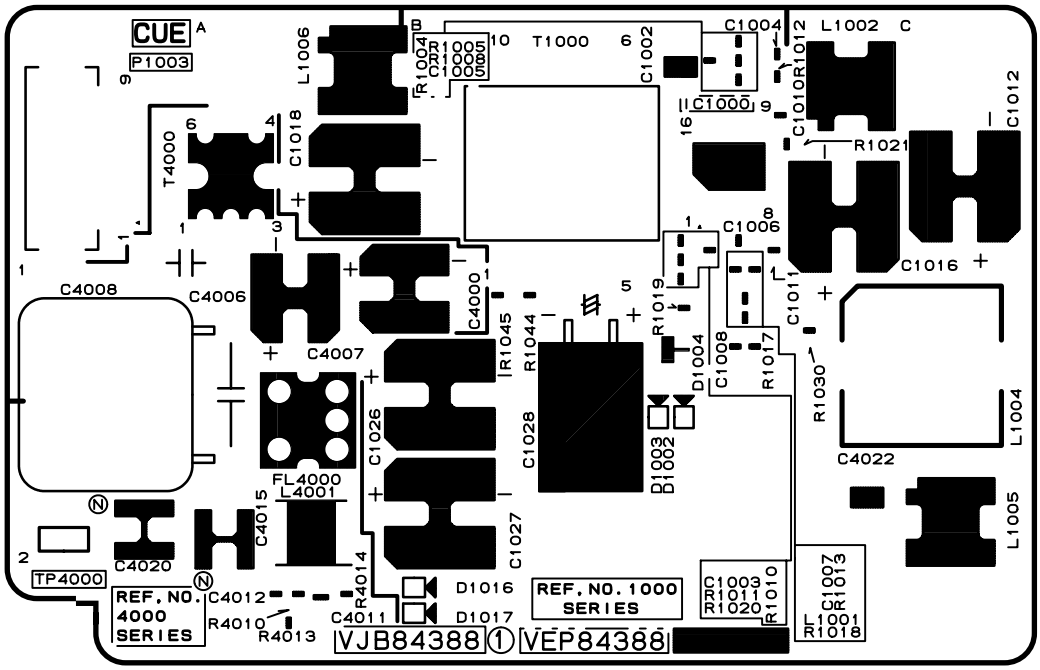
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IC4000	A2	Q1004	B1	Q4000	B1	Q4006	A2	QR1003	B1	QR4003	C2	TP4004	A1
P1004	B1	Q1005	B1	Q4001	A1	Q4007	A2	QR1004	B2	QR4004	A1	VR4000	A1
Q1000	C1	Q1006	B1	Q4002	A1	Q4008	A2	QR1005	B2	QR4005	A2	VR4001	C2
Q1001	C1	Q1007	B1	Q4003	C2	QR1000	B1	QR4000	B1	TP4001	A1		
Q1002	C1	Q1008	B1	Q4004	A1	QR1001	C1	QR4001	B1	TP4002	A1		
Q1003	C1	Q1009	B2	Q4005	A2	QR1002	C1	QR4002	C2	TP4003	A1		



(FOIL SIDE)

COMPONENT SIDE

REF	LOC
IC1000	B1
P1003	A1
TP4000	A2

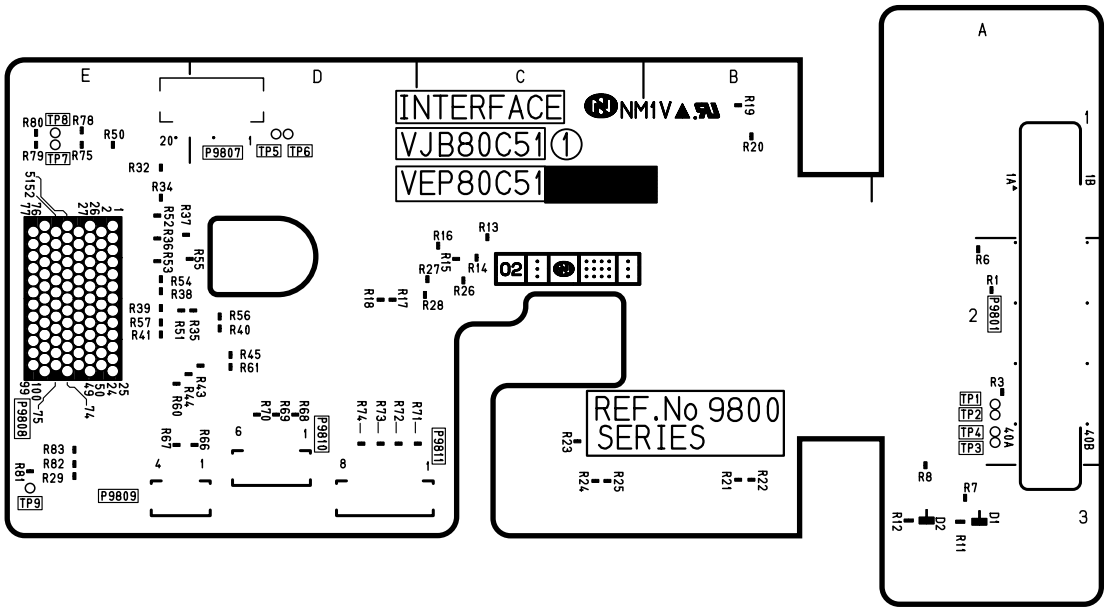


(COMPONENT SIDE)

INTERFACE P.C.BOARD (VEP80C51A)

FOIL SIDE

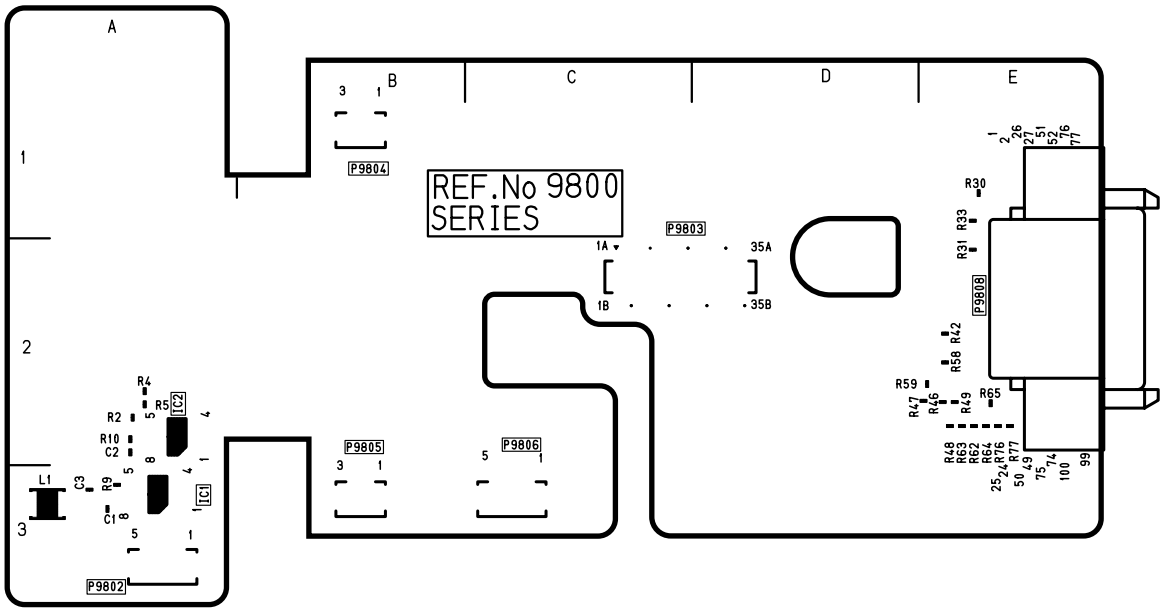
REF	LOC	REF	LOC	REF	LOC	REF	LOC
P9801	A2	P9810	D3	TP3	A2	TP7	E1
P9807	D1	P9811	D3	TP4	A2	TP8	E1
P9808	E2	TP1	A2	TP5	D1	TP9	E3
P9809	E3	TP2	A2	TP6	D1		



(FOIL SIDE)

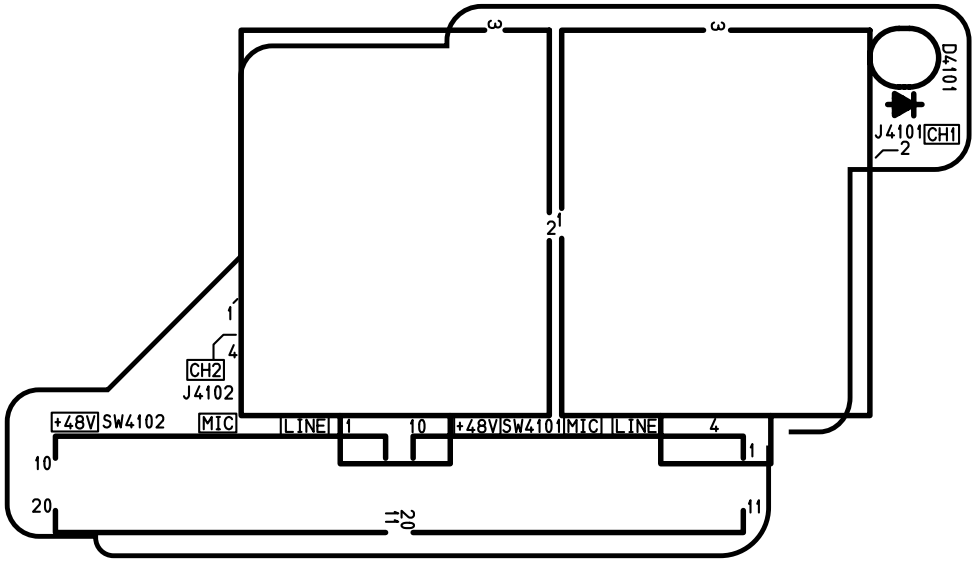
COMPONENT SIDE

REF	LOC	REF	LOC
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IC2	A2	P9805	B3
P9802	A3	P9806	C3
P9803	C2	P9808	E2

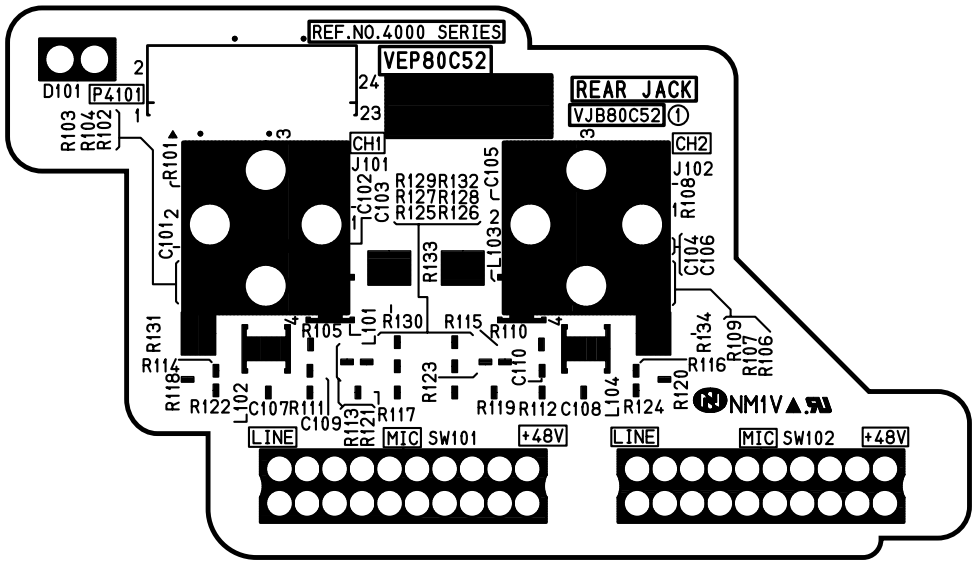


(COMPONENT SIDE)

REAR JACK P.C.BOARD (VEP80C52A)

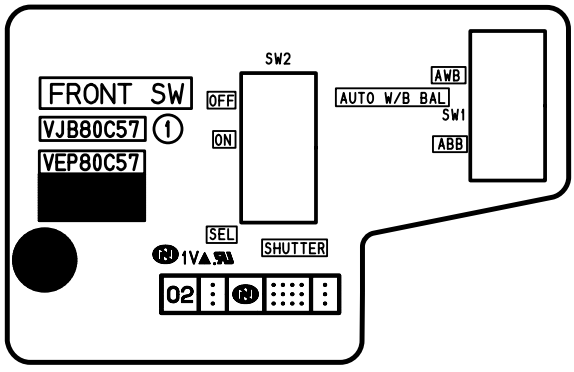


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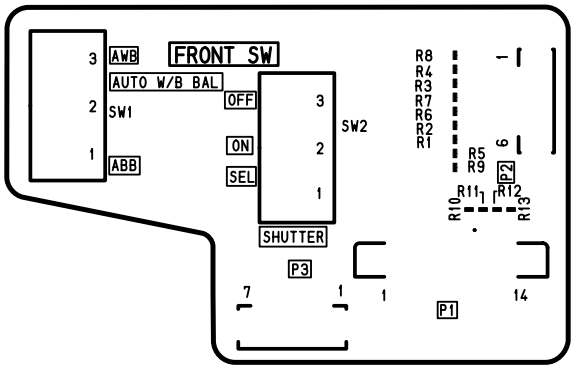


(COMPONENT SIDE)

FRONT SW P.C.BOARD (VEP80C57A)

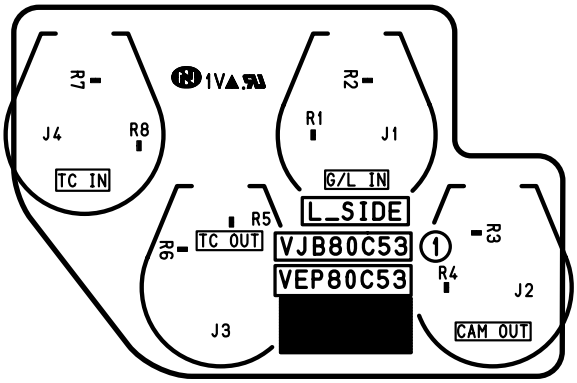


(FOIL SIDE)

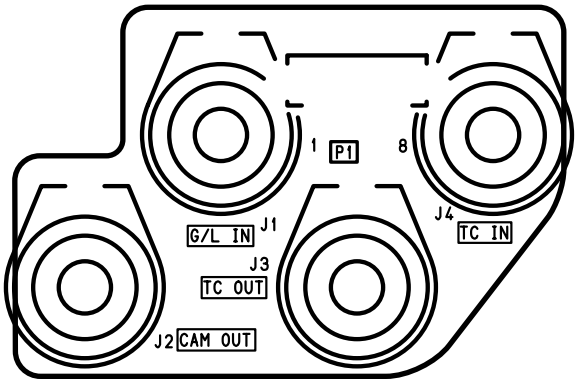


(COMPONENT SIDE)

L SIDE P.C.BOARD (VEP80C53A)

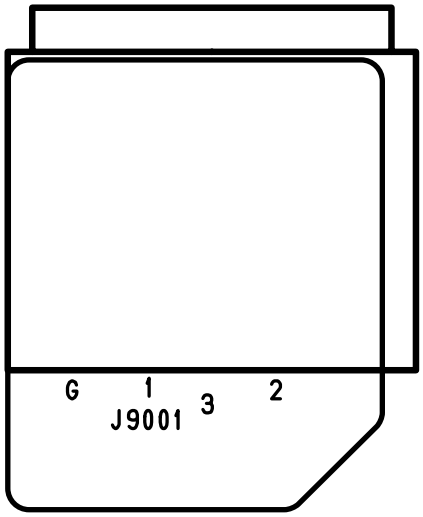


(FOIL SIDE)

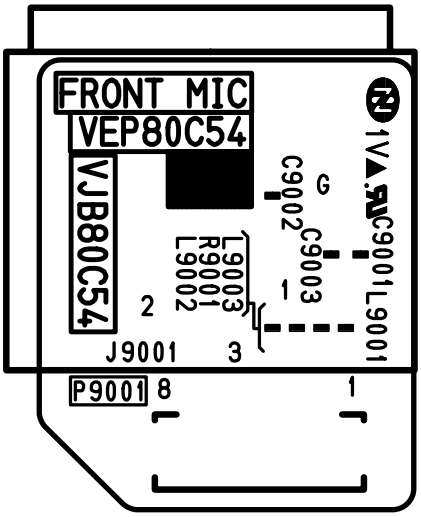


(COMPONENT SIDE)

FRONT MIC P.C.BOARD (VEP80C54A)

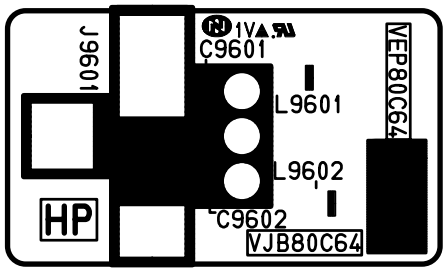


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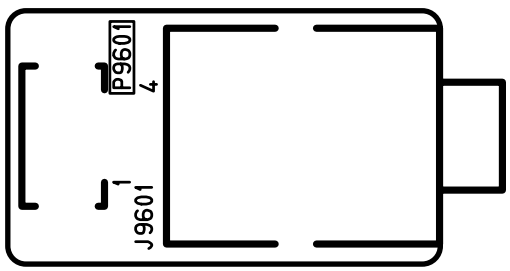


(COMPONENT SIDE)

HP P.C.BOARD (VEP80C64A)

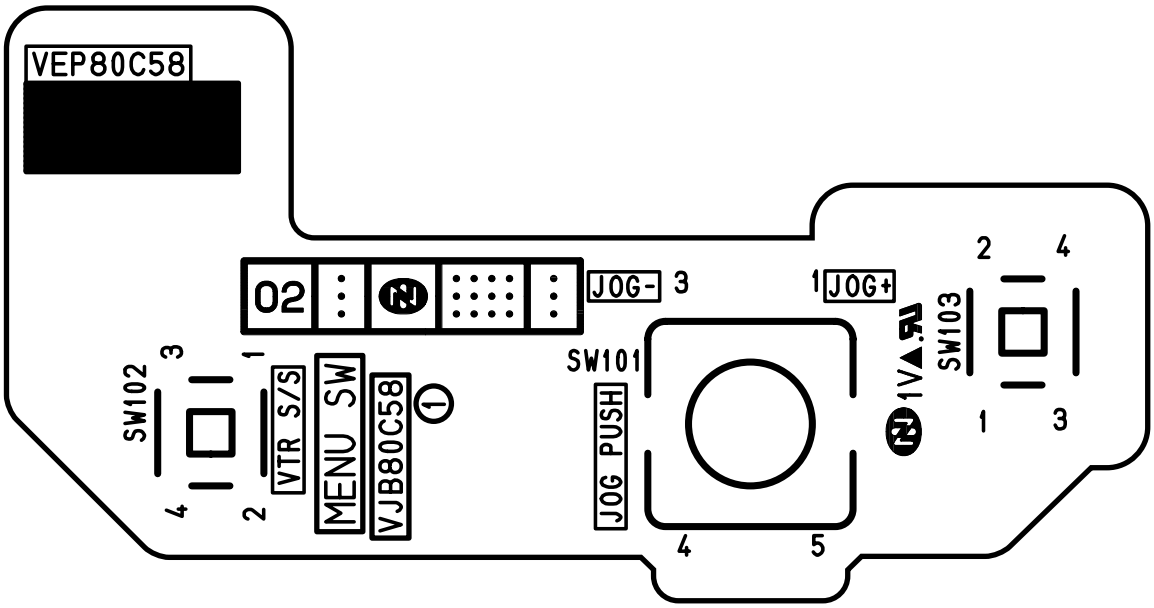


(FOIL SIDE)

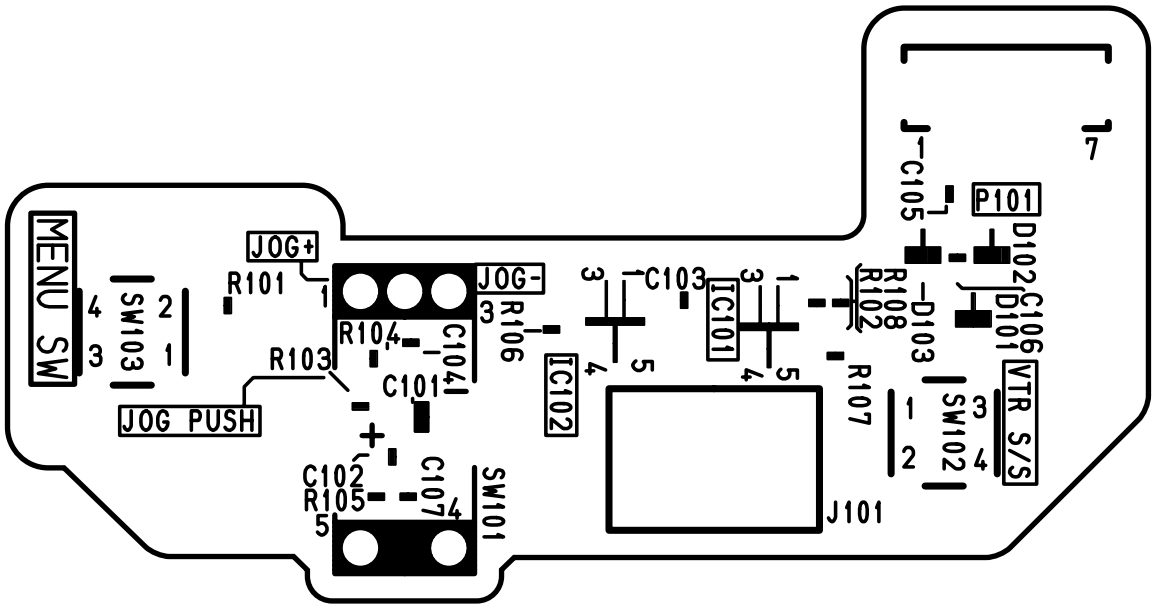


(COMPONENT SIDE)

MENU SW P.C.BOARD (VEP80C58A)



(FOIL SIDE)

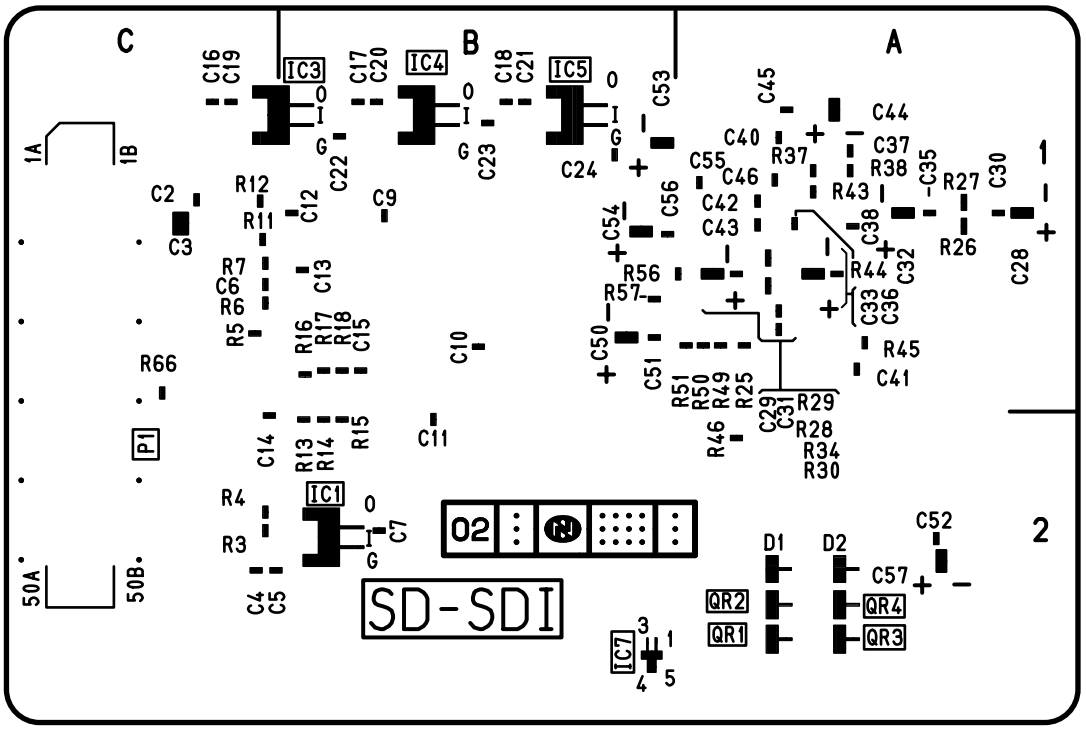


(COMPONENT SIDE)

SD SDI P.C.BOARD (VEP83607A):AJ-YA902G

FOIL SIDE

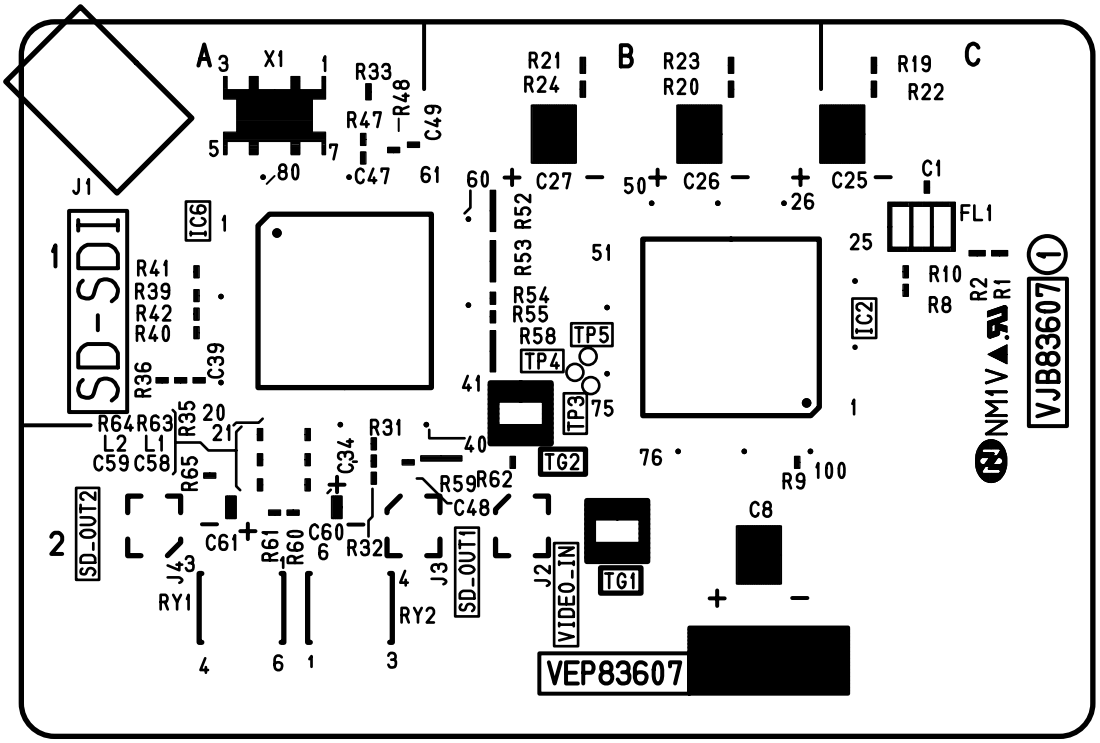
REF	LOC
IC1	B2
IC3	B1
IC4	B1
IC5	B1
IC7	B2
P1	C1
QR1	A2
QR2	A2
QR3	A2



(FOIL SIDE)

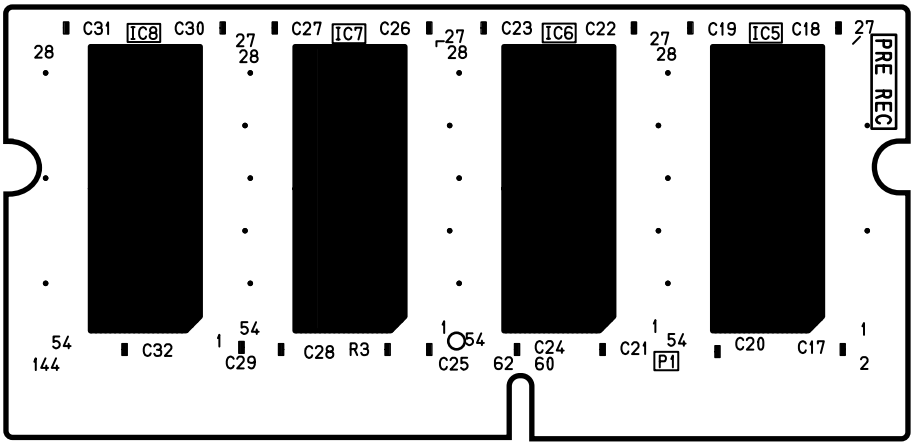
COMPONENT SIDE

REF	LOC
IC2	B2
IC6	A1
TG1	B2
TG2	B1
TP3	B1
TP4	B1
TP5	B1

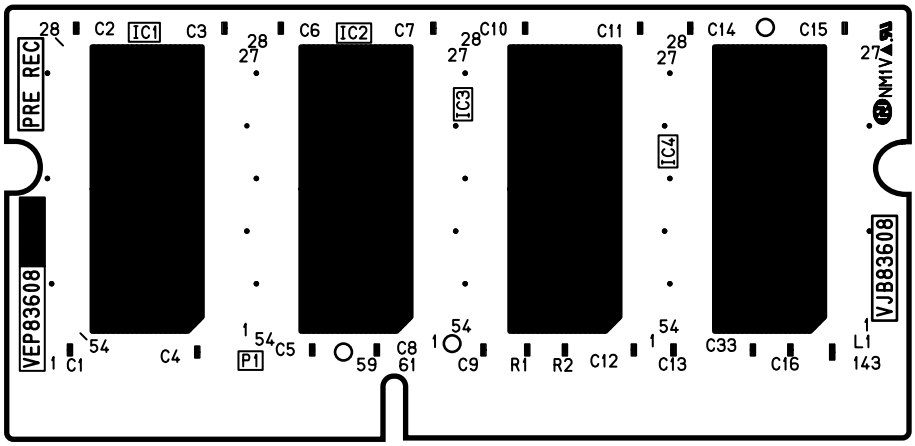


(COMPONENT SIDE)

PRE REC P.C.BOARD (VEP83608A):AJ-YA903G



(FOIL SIDE)



(COMPONENT SIDE)

SECTION 7

EXPLODED VIEWS
&
REPLACEMENT PARTS LIST

Note:

1. *Be sure to make your orders of replacement parts according to this list.
2. Unless otherwise specified, all resistors are in OHMS, K=1,000 OHMS, all capacitors are in MICROFARADS (μF), P=μμF.
3. The P.C. Board unit marked with "■" shown below the main assembled parts.
4. The parts marked with Ⓔ on the exploded view show the electric parts.
5. IMPORTANT SAFETY NOTICE
   Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components, use only the same type.
6. The marking (RTL) indicates the retention time is limited for this item.
   After the discontinuation of this assembly in production, it will no longer be available.
7. "M" in Remark column indicates needed in the periodical maintenance.

CONTENTS

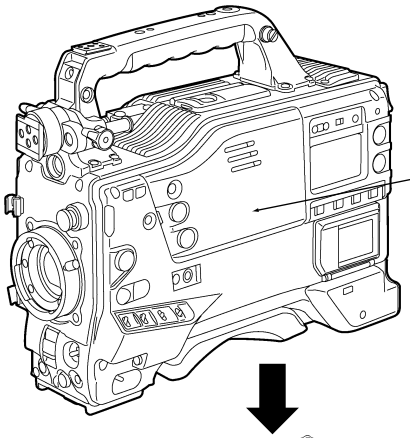
<< AJ-SDX900P/ E/ D908MC >>
SERVICING FIXTURES & TOOLS
CASING & FRAME ASSEMBLY PRT-1
OVERALL SECTION PRT-1
[A] CASSETTE COVER ASSEMBLY PRT-4
[B] SIDE CASE (L) ASSEMBLY PRT-4
[C] L SIDE SECTION PRT-5
[D] SIDE CASE (R) SECTION PRT-5
[E] SIDE CASE (R) 1 ASSEMBLY PRT-7
[F] FRONT CASE SECTION PRT-8
[G] FRONT CASE 1 ASSEMBLY PRT-8
[H] CAMERA ASSEMBLY PRT-9
[J] BOTTOM CASE SECTION PRT-10
[K] SHOULDER PAD ASSEMBLY PRT-11
[L] TOP CASE SECTION PRT-11
[M] HANDLE SECTION PRT-12
[N] HANDLE COVER SECTION PRT-13
[P] TOP OPERATION SECTION PRT-13
[Q] RECEIVER COVER ASSEMBLY PRT-13
[R] BACK CASE SECTION PRT-14
[S] JACK PANEL SECTION PRT-15
[T] BOTTOM COVER ASSEMBLY PRT-15
[U] SIDE JACK ASSEMBLY PRT-15
MECHANICAL CHASSIS ASSEMBLY (1) PRT-16
MECHANICAL CHASSIS ASSEMBLY (2) PRT-18
MECHANICAL CHASSIS ASSEMBLY (3) PRT-20
PACKING PARTS ASSEMBLY PRT-22
ELECTRICAL REPLACEMENT PARTS LIST (AJ-SDX900P) PRT-24
ELECTRICAL REPLACEMENT PARTS LIST (AJ-SDX900E/ D908MC) PRT-64
<< AJ-YA902G/ YA903G >>
PACKING PARTS ASSEMBLY (AJ-YA902G) PRT-104
PACKING PARTS ASSEMBLY (AJ-YA903G) PRT-105
ELECTRICAL REPLACEMENT PARTS LIST (AJ-YA902G) PRT-106
ELECTRICAL REPLACEMENT PARTS LIST (AJ-YA903G) PRT-107

SERVICING FIXTURES & TOOLS

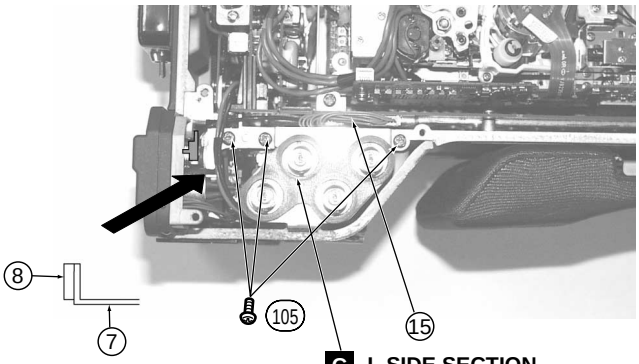
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VFK1145A	BACK TENSION METER (T2-M30-P)	1	
2	VFK1149B	POST DRIVER (2.5mm)	1	
3	VFK71A	DIAL TORQUE GAUGE (1.5cN-m)	1	150g
4	VFK1191A	DIAL TORQUE GAUGE (0.45cN-m)	1	45g
5	VFK1152	DIAL TORQUE GAUGE ADAPTER	1	
6	VFK0357	ECCENTRIC DRIVER (1.5mm)	1	
7	VFK1154	ECCENTRIC DRIVER (1.5mm)	1	
8	VFK1153	MECH. NEUTRAL PLATE (M)	1	
9	VFK1155	REV POSITION TOOL (Silver)	1	For Post Height
10	VFK1156	PLAY POSITION TOOL (Black)	1	
11	VFK1208	NEUTRAL POSITION TOOL (Black with Hole)	1	
12	VFK1150A	NUT DRIVER (5.5mm)	1	
13	VFK1151A	Nut Driver (2.5mm)	1	
14	VFK1188A	DIAL TENSION GAUGE (30mN)	1	30g
15	VFK0948A	CHECK LIGHT	1	
16	VFK0749	FROIRAL GREASE	1	For Plastic
17	MOR265	MORLYTONE GREASE	1	For Metallic
18	VFK1146A	PHILLIPS DRIVER (Fine) (00-75)	1	
19	VFK1147A	PHILLIPS DRIVER (Fine) (0-100)	1	
20	VFK1148A	HEX. DRIVER (1.5mm)	1	
21	VFK1178A	HEX. DRIVER (0.89mm)	1	
22	VFK1179A	HEX. DRIVER (0.71mm)	1	
23	VFK1190	HEX. WRENCH	1	
24	VFK1209A	TORQUE DRIVER (4-30cN-m)	1	0.4-3kg
25	VFK1375	HEX. BIT (1.5mm)	1	
26	VFK1300	AD BOARD (DAQ-12 Quatech)	1	
27	VFM3580KM	ALIGNMENT TAPE (No.1) (NTSC)	1	Color bar Master (M-Cassette)
27	VFM3680KM	ALIGNMENT TAPE (No.1) (PAL)	1	Color bar Master (M-Cassette)
28	VFM3581KM	ALIGNMENT TAPE (No.2) (NTSC)	1	LISTA (M-Cassette)
28	VFM3681KM	ALIGNMENT TAPE (No.2) (PAL)	1	LISTA (M-Cassette)
29	VFM3582KM	ALIGNMENT TAPE (No.3) (NTSC)	1	X Value (M-Cassette)
29	VFM3682KM	ALIGNMENT TAPE (No.3) (PAL)	1	X Value (M-Cassette)
30	AJ-CL12MP	CLEANING TAPE	1	Sales Route
32	VFK1186	LISTA CABLE	1	
33	VFK0369	TWEEZER	1	
34	VFK0371	LONG NOSE PLIER	1	
35	VFK0372	CUTTING PLIER	1	
36	VFK0337	PHILLIPS SCREWDRIVER	1	
37	VFK0338	ALIGNMENT SVREWDRIVER	1	
38	VFK1423	TAPE SENSOR ADJUSTMENT CASSETTE	1	
39	VFK0906	LUBRICATION OIL	1	
40	VFK0645	GRAYSCALE CHART	1	
41	VFK1304A	FLASH MEMORY VERSION UP TOOL	1	
43	VFK1881	CC FILTER	1	LBB-12 (fuji D-type filter)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

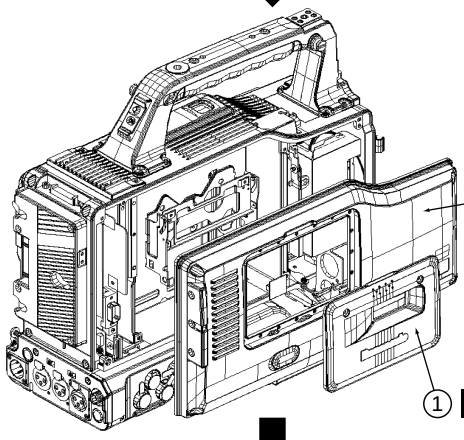
CASING & FRAME ASSEMBLY
OVERALL SECTION (1)



D **SIDE CASE (R) SECTION**
(Page PRT-5, 6)

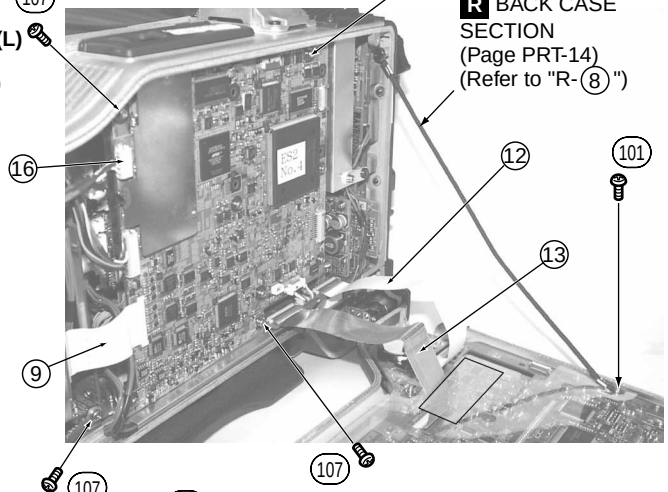


C **L SIDE SECTION**
(Page PRT-5)



2 **B** **SIDE CASE (L) ASS'Y**
(Page PRT-4)

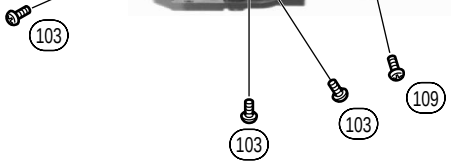
1 **A** **CASSETTE COVER ASS'Y**
(Page PRT-4)

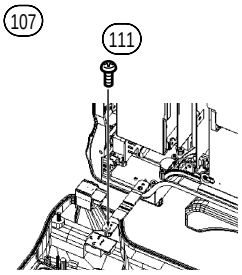


R BACK CASE SECTION
(Page PRT-14)
(Refer to "R-8")

SIDE JACK ASS'Y **U** 5
(Page PRT-15)



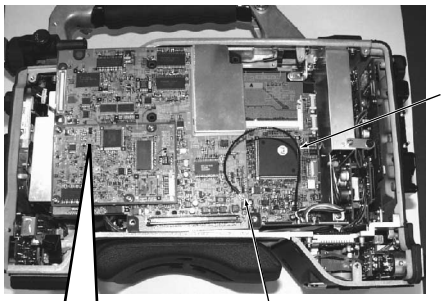




Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		OVERALL SECTION (1)		
1	VYF2881	CASSETTE COVER ASS'Y	1	
2	VYP8686	SIDE CASE (L) ASS'Y	1	
5	VYK0P57	SIDE JACK ASS'Y	1	
7	VMP7620	CONNECTOR SUPPORT ANGLE	1	
8	VMT1435	CONNECTOR CUSHION	1	
9	VWJ40E5045L0	FLEX. CABLE	1	
12	VWJ40E5145L0	FLEX. CABLE	1	
13	VWJ1645	FLEX. CABLE	1	
15	VEE0W34	L SIDE CABLE	1	
16	VEE0W42	P.PRO OUT CABLE	1	
101	XYN2+F6	SCREW	1	
103	XSB3+6FZ	SCREW	3	
105	XYN3+K6	SCREW	3	
107	XYN26+F6FX	SCREW	4	
109	XSB3+16FCK	SCREW	1	

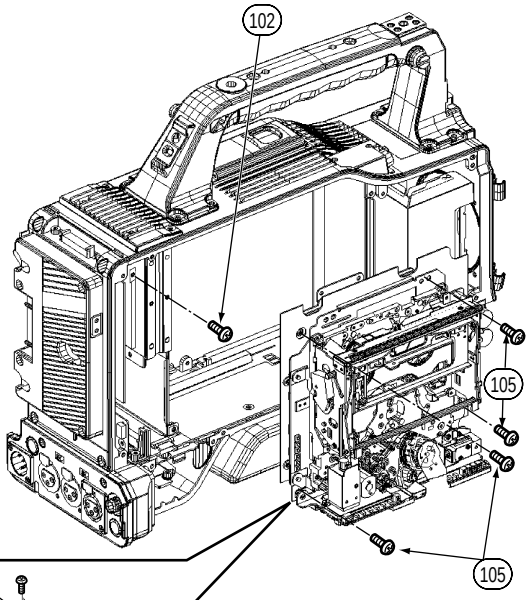
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
111	XSB3+8FCK	SCREW	1	

OVERALL SECTION (2)

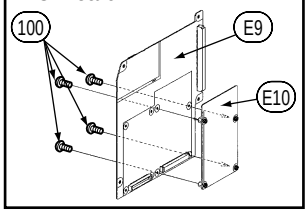


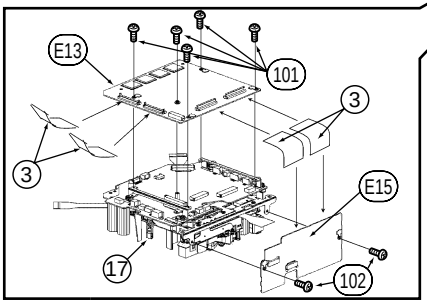
J BOTTOM CASE SECTION
(Page PRT-10)
(Refer to "J-15")

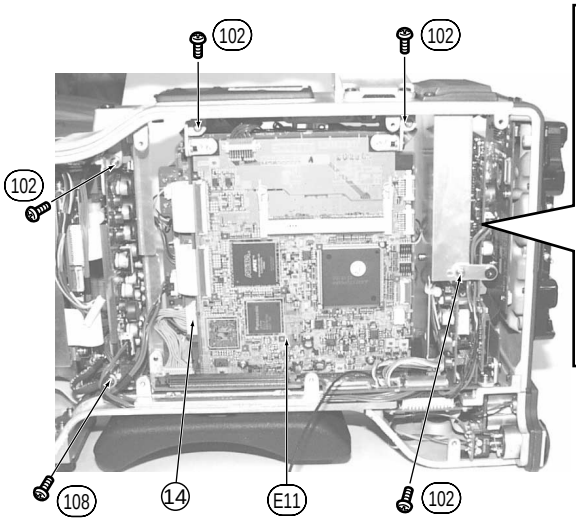
Video Out Terminal

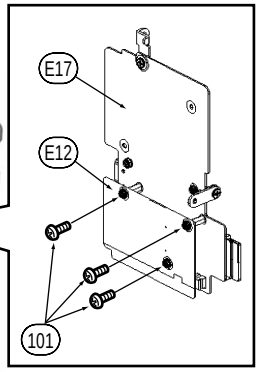


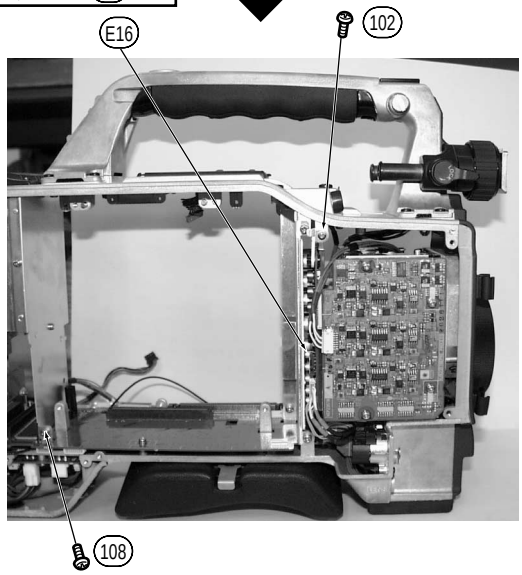
Back side View of CAM DSP P. C. Board.







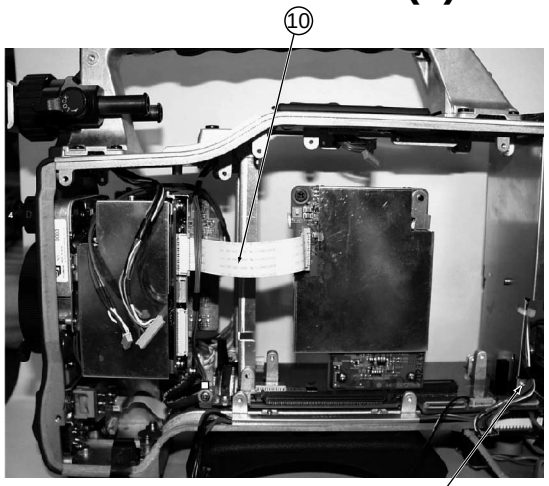


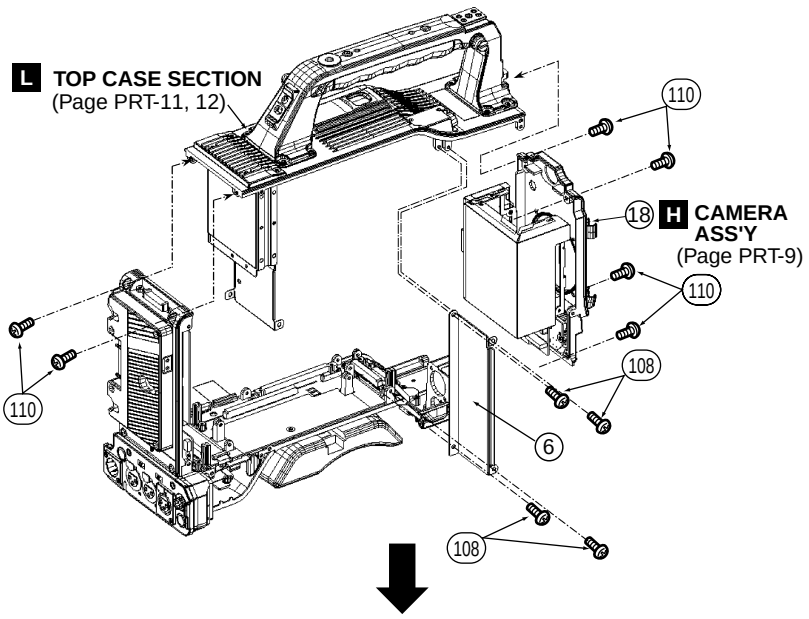


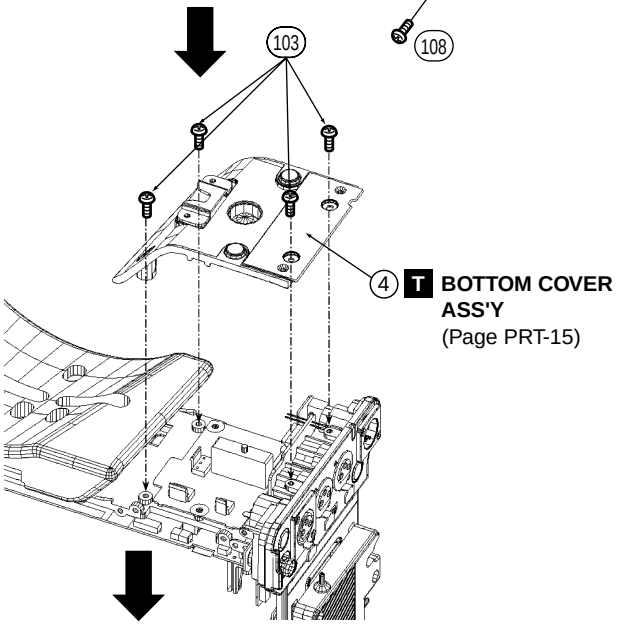
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		OVERALL SECTION (2)		
3	VWJ50E5032L0	FLEX. CABLE	4	
14	VEE0W15	RF POWER CABLE	1	
17	VXY1790	MECHANISM ASS'Y	1	FOR AJ-SDX900P (M)
17	VXY1754	MECHANISM ASS'Y	1	FOR AJ-SDX900E /D908MC (M)
100	XYN26+J4	SCREW	4	
101	XYN2+F6	SCREW	8	
102	XYN26+J6	SCREW	8	
105	XYN3+K6	SCREW	4	
108	XYN3+C6	SCREW	2	
E9	VEP23577B	CAM DSP P.C.BOARD	1	FOR AJ-SDX900P
E9	VEP23577A	CAM DSP P.C.BOARD	1	FOR AJ-SDX900E /D908MC
E10	VEP83606B	CODEC P.C.BOARD	1	FOR AJ-SDX900P
E10	VEP83606A	CODEC P.C.BOARD	1	FOR AJ-SDX900E /D908MC
E11	VEP86332C	ECC SYSCON P.C.BOARD	1	FOR AJ-SDX900P

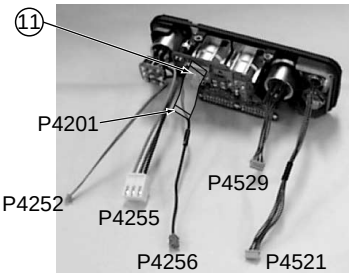
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
E11	VEP86332A	ECC SYSCON P.C.BOARD	1	FOR AJ-SDX900E /D908MC
E12	VEP84388A	CUE P.C.BOARD	1	
E13	VEP85211A	RF EQ P.C.BOARD	1	
E15	VEP85210A	HEAD BUFF P.C.BOARD	1	
E16	VEP21280A	CAMERA POWER P.C.BOARD	1	
E17	VEP81227B	VTR POWER P.C.BOARD	1	FOR AJ-SDX900P
E17	VEP81227A	VTR POWER P.C.BOARD	1	FOR AJ-SDX900E /D908MC

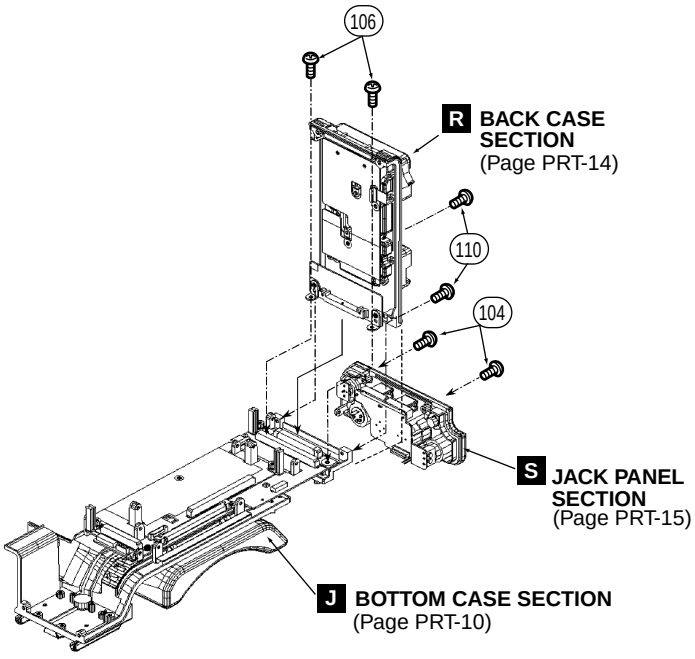
OVERALL SECTION (3)







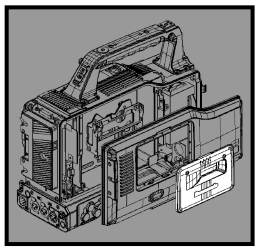


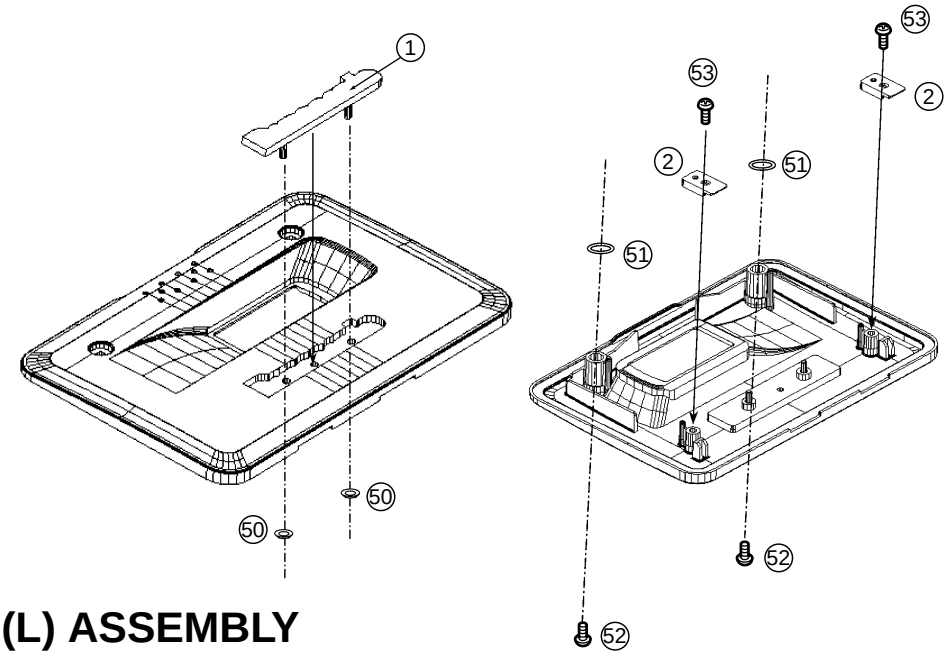


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		OVERALL SECTION (3)		
4	VYK0P58	BOTTOM COVER ASS'Y	1	
6	VMP7603	SHIELD PLATE	1	
10	VWJ16SW090L0	FLEX. CABLE	1	
11	VWJ24E5035L0	FLEX. CABLE	1	
18	VEQ3640	CAMERA ASS'Y	1	FOR AJ-SDX900P
18	VEQ3510	CAMERA ASS'Y	1	FOR AJ-SDX900E /D908MC
103	XSB3+6FZ	SCREW	4	
104	XSN3+12FCK	SCREW	2	
106	XYN26+C6	SCREW	2	
108	XYN3+C6	SCREW	5	
110	XSB3+8FZ	SCREW	8	

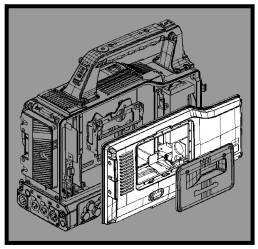
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

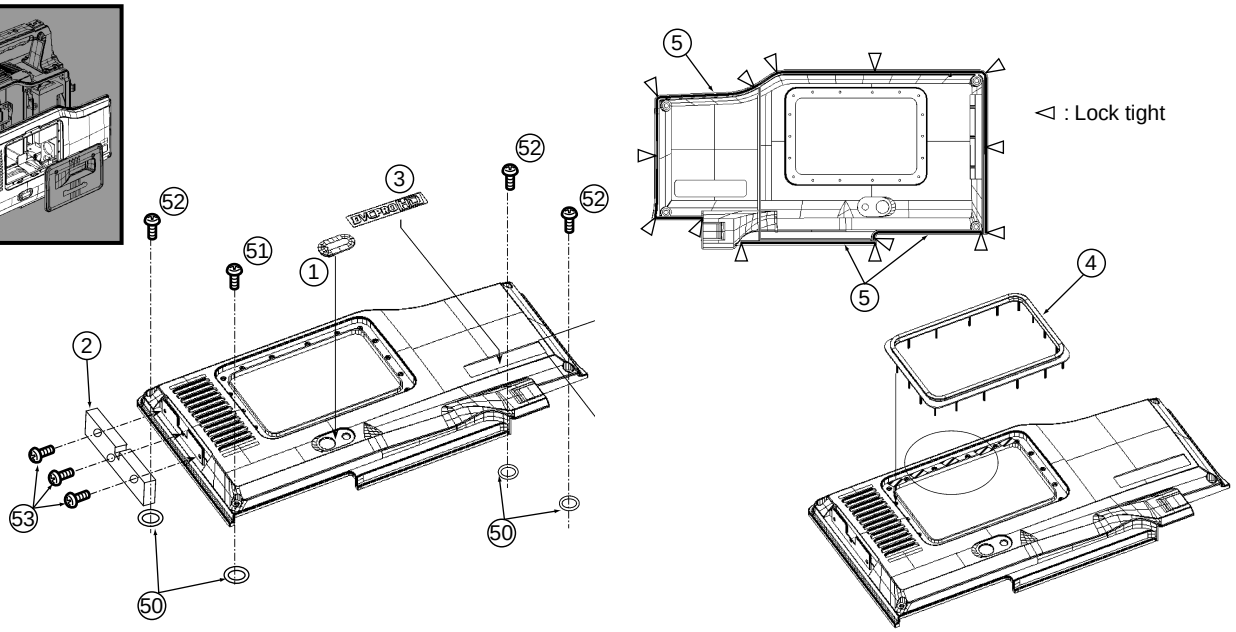
A CASSETTE COVER ASSEMBLY





B SIDE CASE (L) ASSEMBLY

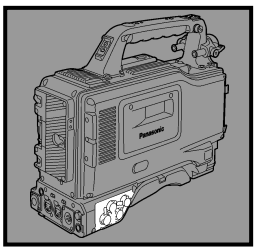


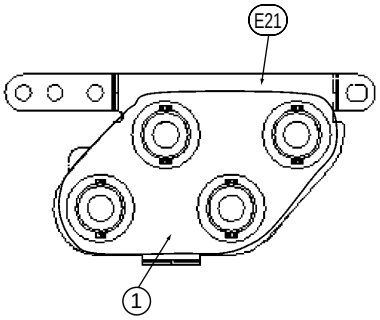


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		CASSETTE COVER ASS'Y (VYF2881)		
A-1	VGB0276	PANASONIC BADGE	1	
A-2	VGQ7133	CASSETTE COVER CLAW	2	
A-50	XNKV0001	NUT	2	
A-51	VMX2605	WASHER	2	
A-52	XSB26+14FCK	SCREW	2	
A-53	XSB26+4FZ	SCREW	2	

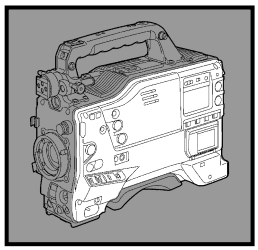
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		SIDE CASE (L) ASS'Y (VYP8686)		
B-1	VMG1270	E.E CAP	1	
B-2	VMG1512	GUARD	1	
B-3	VGB0601	DVCPRO50 BADGE	1	
B-4	VMG1504	CASSETTE WATERPROOF RUBBER	1	
B-5	VMG0832	TUBE	1	(1m)
B-50	VMX3348	WASHER	4	
B-51	XSB3+16FCK	SCREW	1	
B-52	XSB3+12FZ	SCREW	3	
B-53	XSB3+6FZ	SCREW	3	

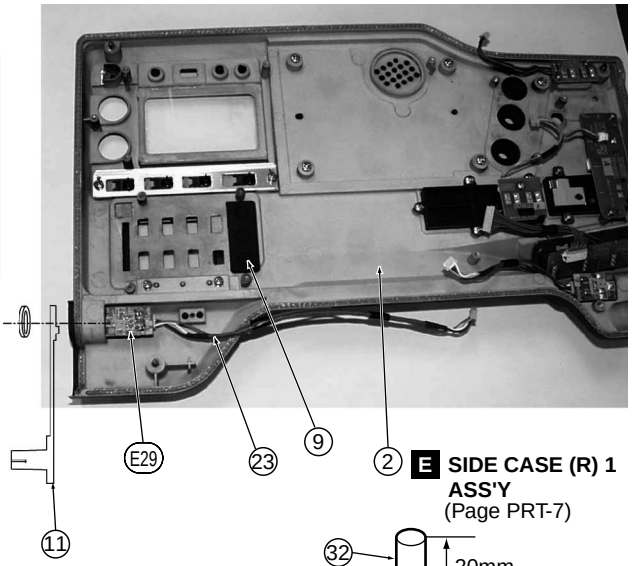
C L SIDE SECTION



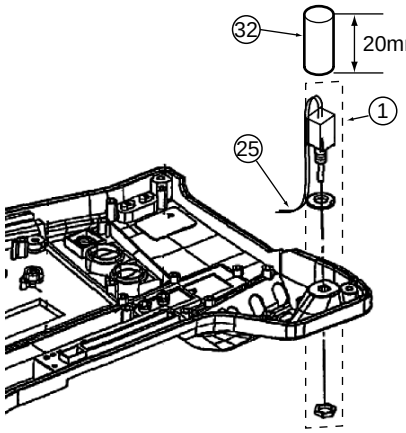


D SIDE CASE (R) SECTION (1)





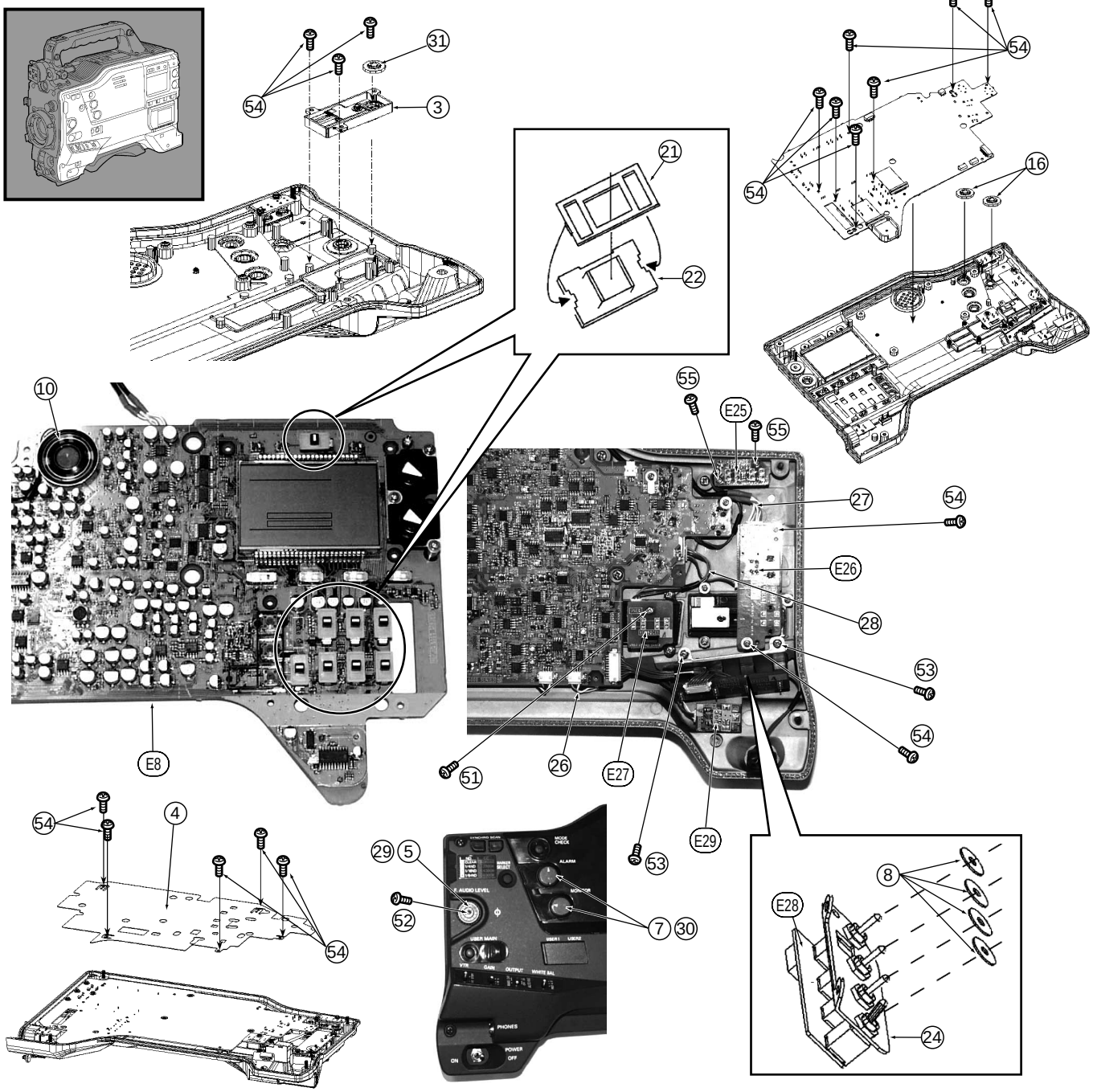
E **SIDE CASE (R) 1 ASS'Y**
(Page PRT-7)



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		L SIDE SECTION		
C-1	VMG1320	CONNECTOR WATERPROOF CUSHION	1	
C-E21	VEP80C53A	L SIDE P.C.BOARD	1	
		SIDE CASE (R) SECTION (1)		
D-1	VST0076	TOGGLE SWITHC	1	K0E112G00013
D-2	VYP8683	SIDE CASE (R) 1 ASS'Y	1	
D-6	VGU9302	VR KNOB REAR	2	
D-9	VGU8585	OPERATION BUTTON	1	
D-11	VGQ7244	PHONE JACK COVER	1	
D-12	VMG1505	VG WATERPROOF RUBBER SHEET	2	
D-13	VMX3283	VR KNOB COLOUR	2	
D-14	VMP7602	REAR VR HOLDER ANGLE	1	
D-15	VMS7304	REAR VR POST	3	
D-17	VMT1433	WATERPROOF CUSHION	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D-18	VGH3361	VR NEME PLATE	2	
D-19	VMS7342	SPACER	2	
D-20	VMB3767	COIL SPRING	2	
D-23	VEE0W26	YEARPHONE CABLE	1	
D-25	VEE0W22	TOGGLE SW CABLE	1	
D-32	WZTU1014B-1M	TUBE	1	(1m)
D-50	XYN2+J6FZ	SCREW	6	
D-E29	VEP80C64A	HP P.C.BOARD	1	

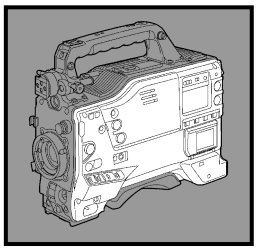
D SIDE CASE (R) SECTION (2)



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		SIDE CASE (R) SECTION (2)		
D-3	VYF2895	OPERATION PANEL (B) ASS'Y	1	
D-4	VMZ3334	LCD BARRIER	1	
D-5	VGU9301	VR KNOB FRONT	1	
D-7	VGU9303	VR KNOB	2	
D-8	VMG0646	WATERPROOF SHEET	4	
D-10	VEK8349	SPEAKER ASS'Y	1	
D-16	VGU8993	OPERATION BUTTON	2	
D-21	VMG1085	SLIDE SW WATERPROOF RUBBER	8	
D-22	VGU7688	SLIDE SW COVER (B)	8	
D-24	VMP7599	TOGGLE SW HOLDER ANGLE	1	
D-26	VEE0W25	FRONT HP CABLE	1	
D-27	VEE0W21	FRONT VR CABLE	1	
D-28	VEE0W24	USER SW CABLE	1	
D-29	VGH4653	VR NAME PLATE	1	
D-30	VGH4680	VR NAME PLATE	2	
D-31	VGU9304	OPERATIN RUBBER BUTTON	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D-51	XTN26+6G	SCREW	1	
D-52	XQN2+A2FZ	SCREW	1	
D-53	XYN26+J6	SCREW	2	
D-54	XYN2+F6	SCREW	17	
D-55	XYN2+C5	SCREW	2	
D-E8	VEP84385C	AUDIO LCD P.C.BOARD	1	FOR AJ-SDX900P
D-E8	VEP84385A	AUDIO LCD P.C.BOARD	1	FOR AJ-SDX900E /D908MC
D-E25	VEP80C59A	SYNCHRO P.C.BOARD	1	
D-E26	VEP80C60A	FR VR P.C.BOARD	1	
D-E27	VEP80C61A	USER P.C.BOARD	1	
D-E28	VEP80C62A	TOGGLE P.C.BOARD	1	
D-E29	VEP80C64A	HP P.C.BOARD	1	

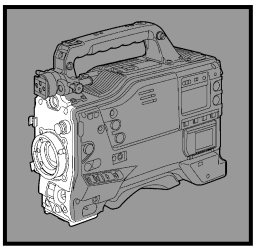
E SIDE CASE (R) 1 ASSEMBLY

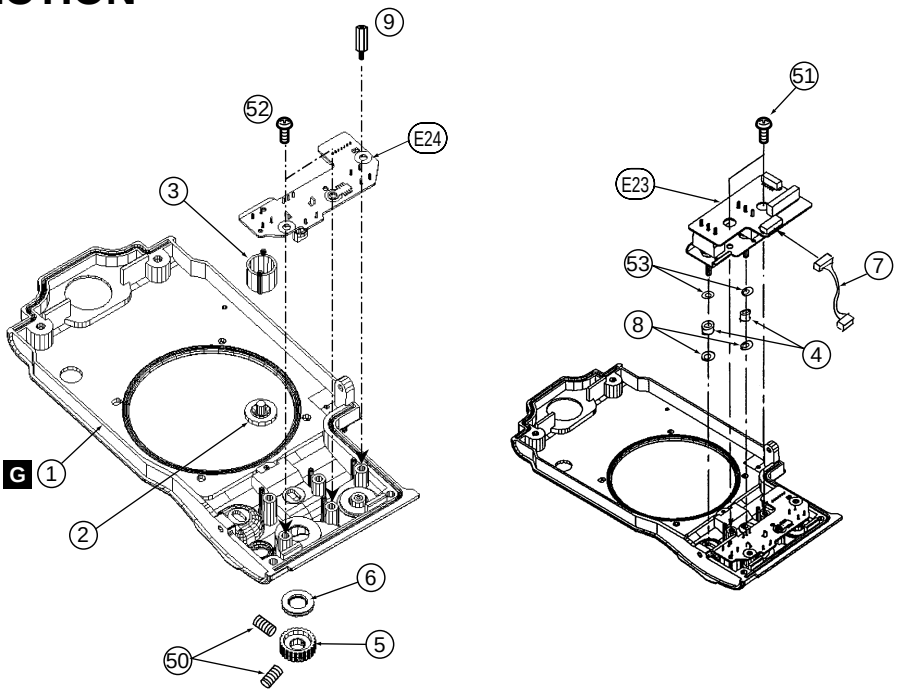


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		SIDE CASE (R)1 ASS'Y(1)(VYP8683)		
E-1	VYP8684	OPERATION PANEL ASSEMBLY	1	
E-2	VMG1418	WATERPROOF RUBBER (B)	3	
E-3	VYF2880	OPERATION DOOR ASS'Y	1	
E-3-1	VSQ1050	RUBBER MAGNET	1	
E-4	VMT1426	FACE PAD	1	
E-5	VMT1427	WATERPROOF SHEET	1	
E-6	VMG1506	DOOR CUSHION	1	
E-7	VMG0832	TUBE	1	(1m)
E-8	VDB1489	DOOR HINGE (B)	1	
E-9	VKW2683	DISPLAY WIINDOW	1	
E-10	VGL1039	LED BACK LIGHT	1	
E-11	VGL0512	LED BACK LIGHT	1	
E-12	VGU7696	SHUTTER BUTTON (+)	1	
E-13	VGU7697	SHUTTER BUTTON (-)	1	
E-14	VGU7698	OPERATION BUTTON	3	
E-15	VGK2886	TOGGLE SW PLATE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
E-16	VGU8130	SLIDE SW COBER (A)	4	
E-17	VKF2818	SLIDE DOOR	1	
E-18	VKN0149	SPEAKER NET	1	
E-19	VMG1092	WATERPROOF RUBBER	2	
E-20	VMG1096	VR WATERPROOF RUBBER	3	
E-21	VMG1195	SLIDE SW RUIBBER (A)	4	
E-22	VMS5505	PIN	2	
E-23	VMP5578	LSLIDE SW HOLDER ANGLE	1	
E-50	VMX1558	WASHER	4	
E-51	XYN3+C6	SCREW	2	
E-52	XTN3+6G	SCREW	6	
E-53	XSB26+5	SCREW	5	
E-54	VMX3284	WASHER	5	
E-55	XSB3+10VZ	SCREW	4	
E-56	XYN26+J6	SCREW	2	

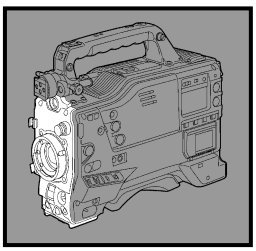
F FRONT CASE SECTION

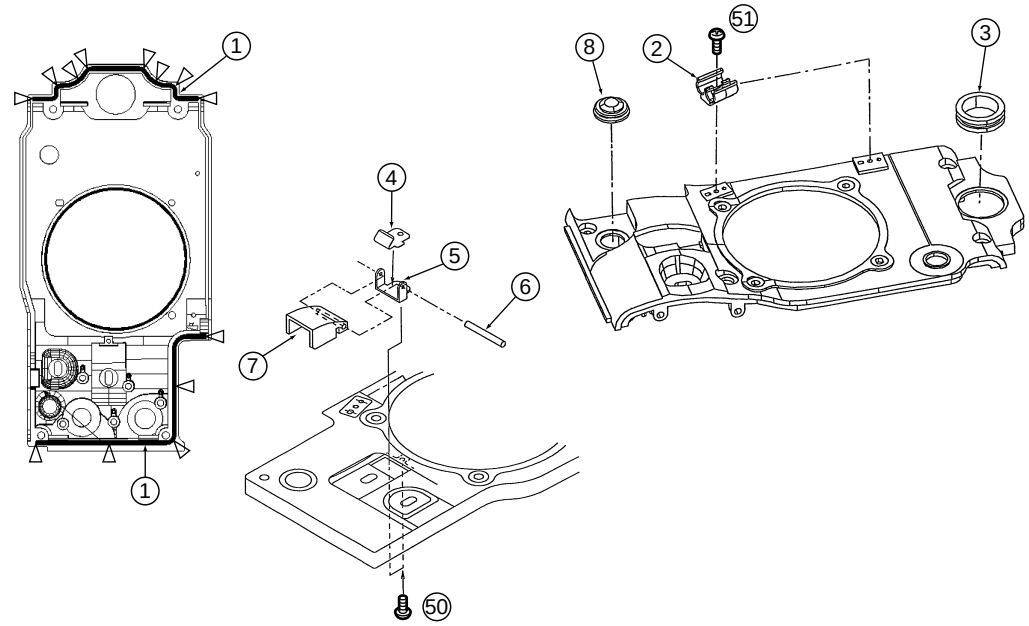




FRONT CASE 1 ASS'Y **G** 1
(Page PRT-8)

G FRONT CASE 1 ASSEMBLY



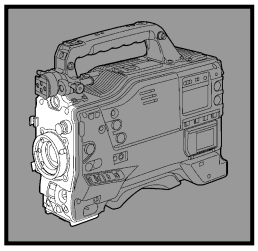


◁ : Lock tight

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		FRONT CASE SECTION		
F-1	VYK0M88	FRONT CASE 1 ASS'Y	1	
F-2	VGU9299	MENU BUTTON	1	
F-3	VGQ7131	BUTTON HOLDER PLATE	1	
F-4	VMT1432	WATERPROOF CUSHION	2	
F-5	VGU8541	MENU KNOB	1	
F-6	VMG1317	MENU WATERPROOF RUBBER	1	
F-7	VEE0W38	FRONT JOG CABLE	1	
F-8	VMG1140	RAIN COVER SPONGE	2	
F-9	VMX3298	POST (2.6SQ-13)	1	
F-50	XXEV2W4FP	SCREW	2	
F-51	XYN3+C6	SCREW	2	
F-52	XYN26+J6	SCREW	2	
F-53	VMX1312	WASHER	2	
F-E23	VEP80C57A	FRONT SW P.C.BOARD	1	
F-E24	VEP80C58A	MENU SW P.C.BOARD	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		FRONT CASE ASS'Y (VYK0M88)		
G-1	VMG0832	TUBE	1	(1m)
G-2	VJF1256	CABLE CLAMPER	2	
G-3	VMG0948	EVF RUBBER SHIELD	1	
G-4	VMC1210	FRONT DOOR PLATE SPRING	1	
G-5	VMP4850	FRONT DOOR ANGLE	1	
G-6	VMS4088	FRONT DOOR ANGLE PIN	1	
G-7	VKF2485	FRONT DOOR	1	
G-8	VXU1620	RUBBER BUTTON ASS'Y	1	
G-50	XYN2+C4	SCREW	2	
G-51	XSB2+4FZ	SCREW	2	

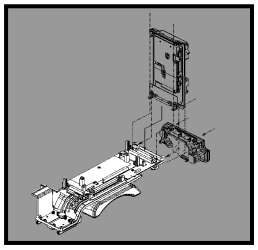
H CAMERA ASSEMBLY

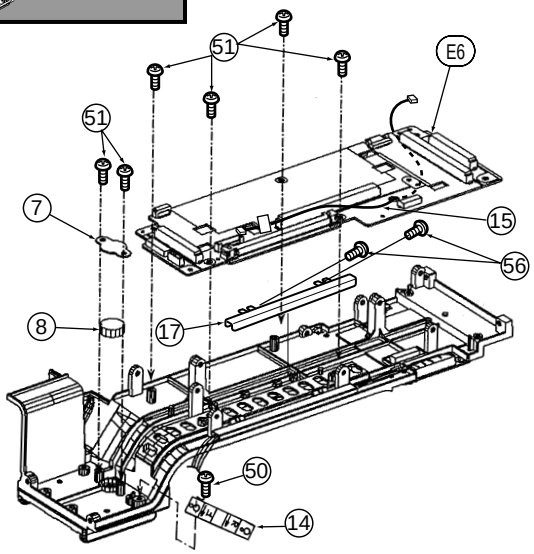


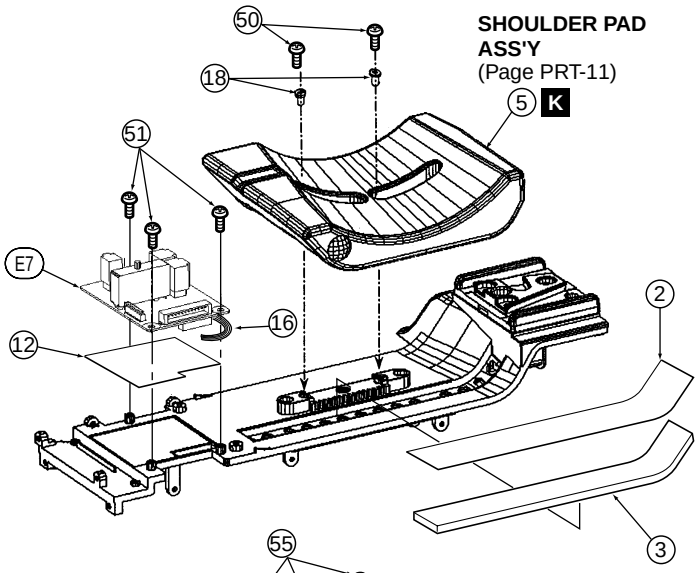
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		CAMERA ASS'Y (VEQ3640)		FOR AJ-SDX900P
		CAMERA ASS'Y (VEQ3510)		FOR AJ-SDX900E /D908MC
H-1	K9ZZ00001016	POST	2	
H-2	VEE0W37	ND/CC FILTER CABLE ASS'Y	1	
H-3	VEE0X28	EARTH CABLE	1	
H-4	VGU8686	FILTER KNOB (ND)	1	
H-5	VGU8687	FILTER KNOB (CC)	1	
H-6	VMP7585	P.C.BOARD HOLDER ANGLE	1	
H-7	VMP7586	P.C.BOARD HOLDER ANGLE	1	
H-8	VMP7619	HEAD OPTICAL HOLDER PLATE	1	
H-9	VWJ14SW075L0	FLEX. CABLE	1	FRONT-PULSE
H-10	VYQ2610	FILTER HOUSING ASS'Y	1	
H-11	VYQ2619	HEAD OPTICAL ASS'Y	1	FOR AJ-SDX900P
H-11	VYQ2597	HEAD OPTICAL ASS'Y	1	FOR AJ-SDX900E /D908MC
H-12	VSC5523	SHIELD CASE (DRIVE)	1	
H-13	VSC5524	SHIELD CASE (PULSE)	1	
H-14	VMA0E35	HEAT SINK (R)	1	
H-15	VMA0E36	HEAT SINK (G)	1	
H-16	VMA0E37	HEAT SINK (B)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
H-17	VXQ1145	LPF ASS'Y	1	
H-50	XQN2+B25	SCREW	2	
H-51	XQN2+C4	SCREW	4	
H-52	XSB3+6FZ	SCREW	4	
H-53	XXE26W3FP	HEX SCREW	4	
H-54	XYN26+C4	SCREW	6	
H-55	XYN26+J6	SCREW	16	
H-56	XYN3+K6	SCREW	1	
H-57	XQS2+A4FZ	SCREW	3	
H-58	XSB26+4FX	SCREW	3	
H-E1	VEP20981A	CCD P.C.BOARD	1	
H-E2	VEP20982A	DRIVE P.C.BOARD	1	
H-E3	VEP20983B	PULSE P.C.BOARD	1	FOR AJ-SDX900P
H-E3	VEP20983A	PULSE P.C.BOARD	1	FOR AJ-SDX900E /D908MC
H-E4	VEP23578C	PRE PROCESS P.C.BOARD	1	FOR AJ-SDX900P
H-E4	VEP23578A	PRE PROCESS P.C.BOARD	1	FOR AJ-SDX900E /D908MC
H-E5	VEP25122C	PRE AMP P.C.BOARD	1	FOR AJ-SDX900P
H-E5	VEP25122A	PRE AMP P.C.BOARD	1	FOR AJ-SDX900E /D908MC

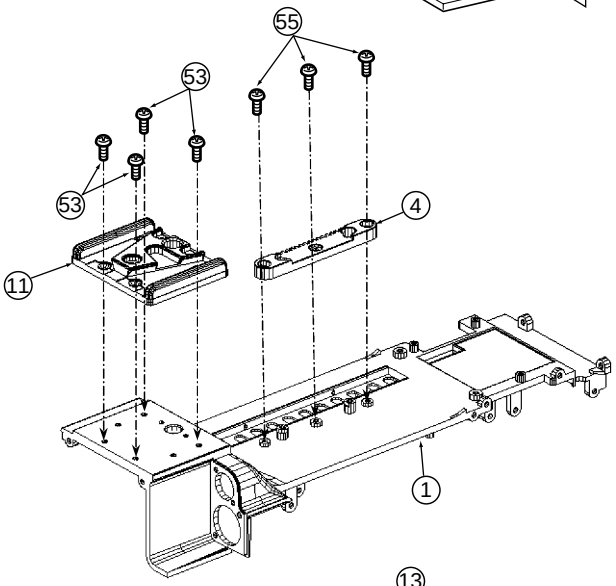
J BOTTOM CASE SECTION

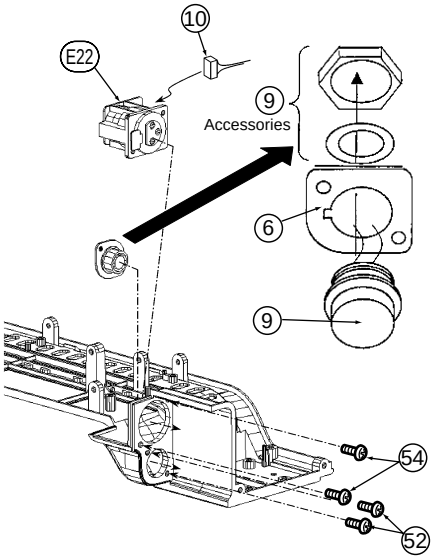


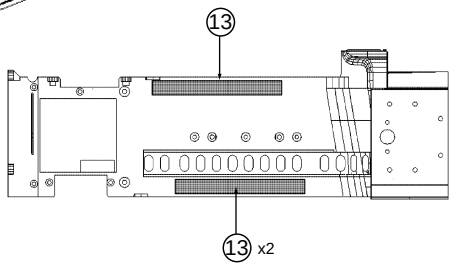




SHOULDER PAD ASS'Y
(Page PRT-11)
5 K



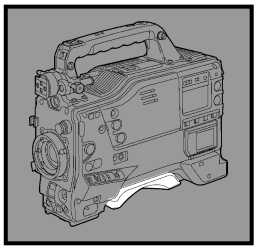


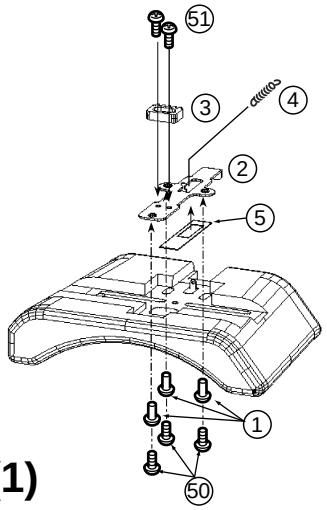


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		BOTTOM CASE SECTION		
J-1	VGM1951	BOTTOM CASE	1	
J-2	VKN0170	BOTTOM NET	1	
J-3	VMT1425	BUTTON CUSHION	1	
J-4	VGQ7172	BOTTOM LOCK PIECE	1	
J-5	VYQ2612	SHOULDER PAD ASS'Y	1	
J-6	VMP4853	LENS CONNECTOR ANGLE	1	
J-7	VGF0964	FRONT FOOT GUARD	1	
J-8	VMT1430	FRONT FOOT CUSHION	1	
J-9	VEE0W19	LENS CONNECTOR ASS'Y	1	
J-10	VEE0W20	FRONT MIC CABLE	1	
J-11	VYQ2306	FOOT BASE	1	
J-12	VMZ3360	REAR AUDIO INSULATION SHEET	1	
J-13	VMX3351	SPACE SHEET	3	
J-14	VKC0560	HINGE	1	
J-15	VEE0E12300A	SDI CABLE	1	
J-16	VEE0W16	POWER CABLE	1	
J-17	VMP7617	POWER CABLE COVER	1	

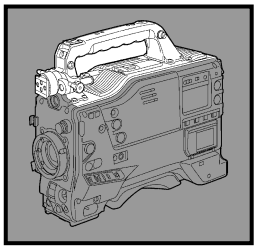
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
J-18	VMX3354	BUSH	2	
J-50	XSB3+8FCK	SCREW	3	
J-51	XYN26+J6	SCREW	9	
J-52	XSN26+8FCK	SCREW	2	
J-53	XSS3+8FZ	SCREW	4	
J-54	XTN26+8JFZ	SCREW	2	
J-55	XSB26+5	SCREW	3	
J-56	XQN2+A3	SCREW	2	
J-E6	VEP89140A	MOTHER P.C.BOARD	1	
J-E7	VEP84386A	REAR AUDIO P.C.BOARD	1	
J-E22	VEP80C54A	FRONT MIC P.C.BOARD	1	

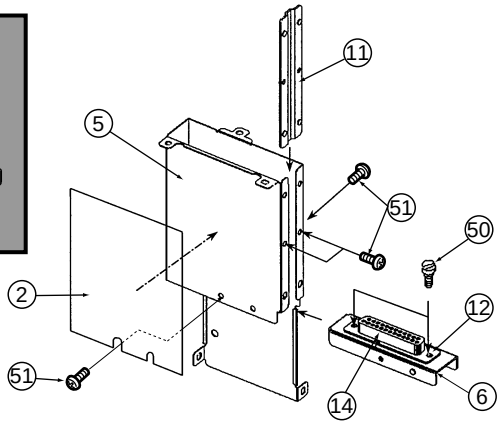
K SHOULDER PAD ASSEMBLY

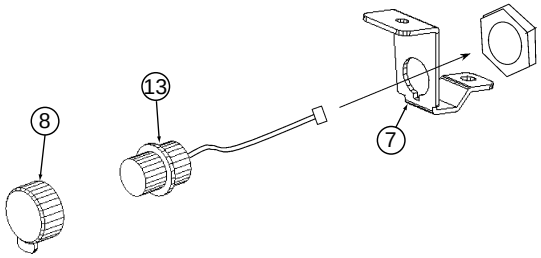




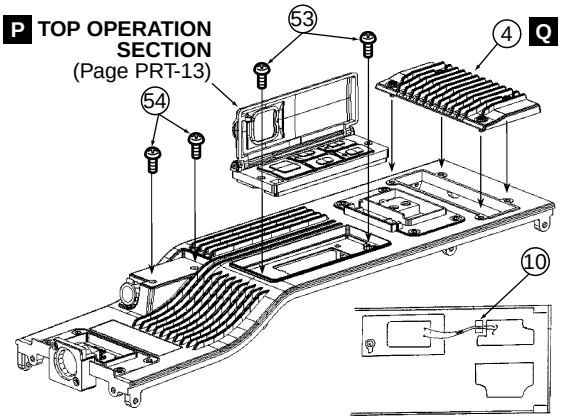
L TOP CASE SECTION (1)



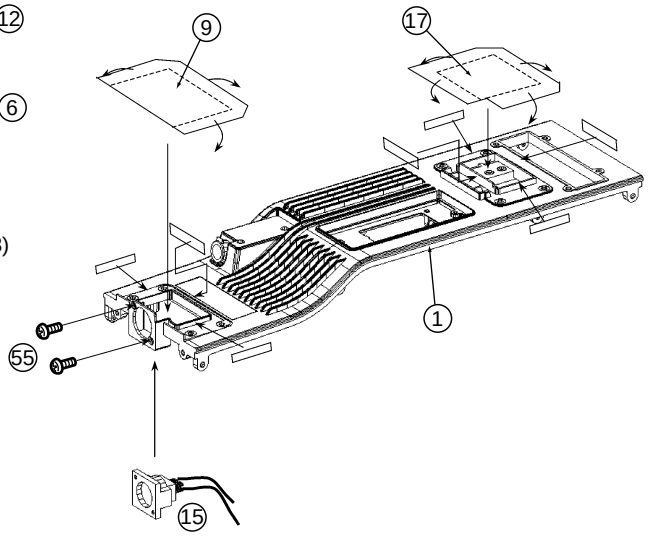




P **TOP OPERATION SECTION**
(Page PRT-13)



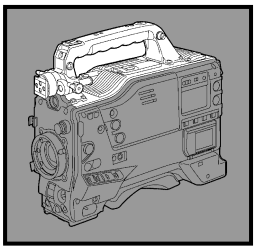
Q **RECEIVER COVER ASS'Y**
(Page PRT-13)

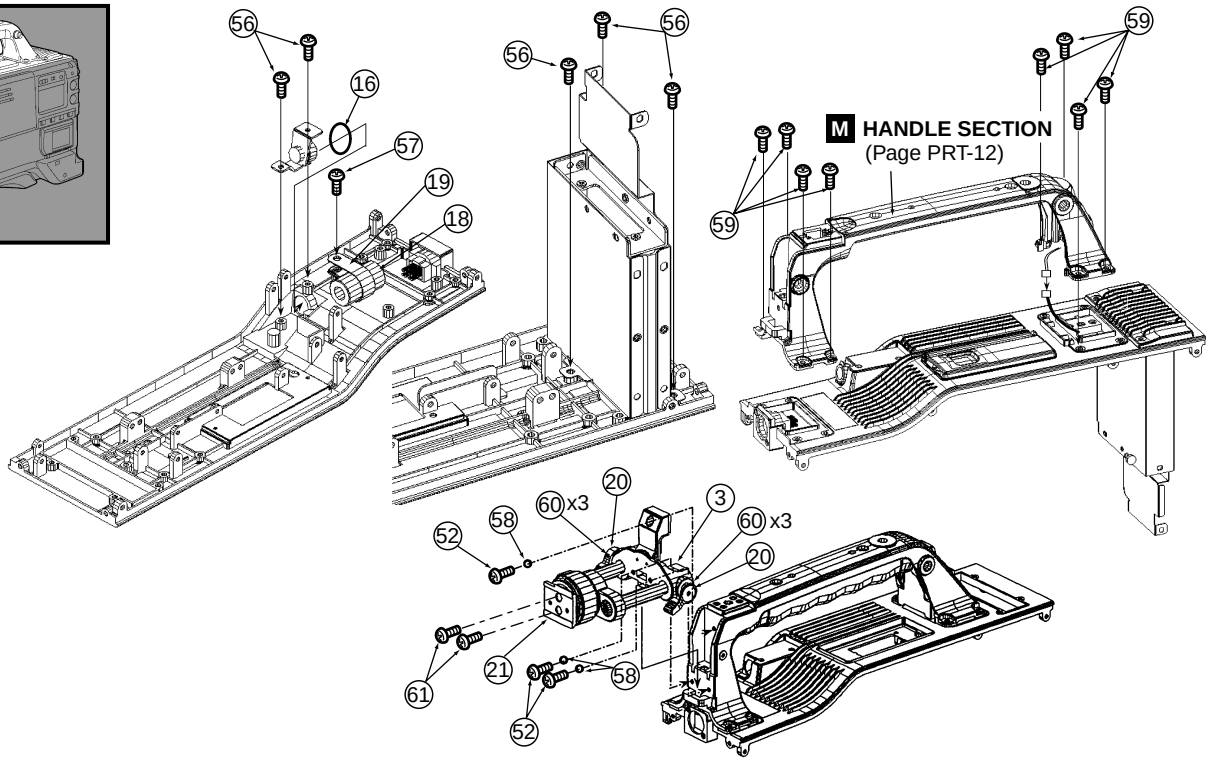


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		SHOULDER PAD ASS'Y (VYQ2612)		
K-1	VMX3354	BUSH	3	
K-2	VML3778	SHOULDER SLIDE LEVER	1	
K-3	VGQ7173	SHOULDER LOCK PIECE	1	
K-4	VMB3750	SHOULDER RELEASE SPRING	1	
K-5	VMX3296	SLIDE SHEET	1	
K-50	XSB3+8FCK	SCREW	3	
K-51	XYN26+K5	SCREW	2	
		TOP CASE SECTION (1)		
L-1	VGM1949	TOP CASE	1	
L-2	VMZ3378	SHIELD SHEET	1	
L-4	VYF2894	RECEIVER COVER ASS'Y	1	
L-5	VMP7588	RECEIVER BOX (A)	1	
L-6	VMP7589	RECEIVER BOX (B)	1	

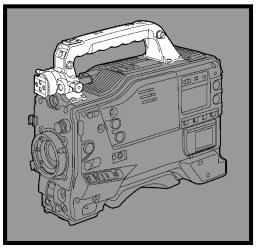
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L-7	VMP7590	GPS CONNECTOR HOLDER ANGLE	1	
L-8	VMG1508	RUBBER CAP	1	
L-9	VKN0150	NET (FRONT)	1	
L-10	VJF0909	CABLE CLAMPER	1	
L-11	VMP6778	RECEUVER BOX (C)	1	
L-12	VMT1265	CUSHION	1	
L-13	VEE0W17	GPS CONNECTOR ASS'Y	1	
L-14	VEE0W28	WIRELESS CONNECTOR ASS'Y	1	
L-15	VEE0W43	EVF CONNECTOR ASS'Y	1	
L-17	VKN0171	NET (REAR)	1	
L-50	VHD1462	SCREW	2	
L-51	XYN26+C4	SCREW	4	
L-53	XSN2+6FZ	SCREW	2	
L-54	XSB4+6FCK	SCREW	2	
L-55	XSS2+4FZ	SCREW	2	

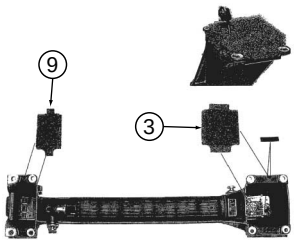
L TOP CASE SECTION (2)

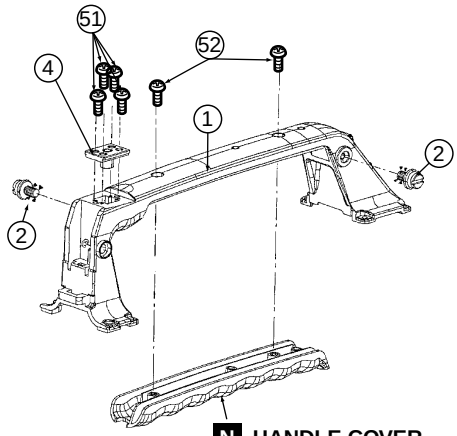


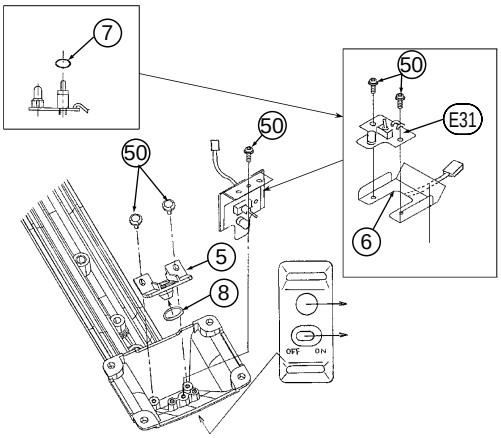


M HANDLE SECTION





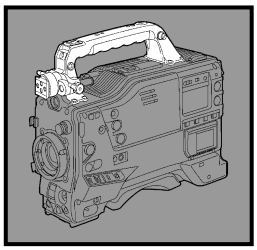


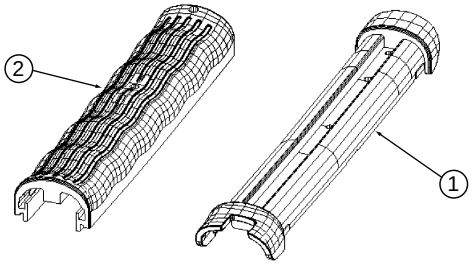


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		TOP CASE SECTION (2)		
L-3	VYQ2694	SLIDER ASS'Y	1	
L-16	VMG1530	O-LING	1	
L-18	VLP0186	FERRITE CORE	1	J0KE00000027
L-19	VJF0980	CLAMPER	1	
L-20	VGU9401	SHAFT LOCK LEVER	2	
L-21	VGM2031	VF BASE	1	
L-52	XVE3A8VZ	SCREW	3	
L-56	XYN3+C4	SCREW	5	
L-57	XYN3+F8	SCREW	1	
L-58	XWA3BFZ	WASHER	3	
L-59	XSB3+8FZ	SCREW	8	
L-60	XXEV26W4FP	HEX SCREW	6	
L-61	XVE4A25VW	HEX SCREW	2	

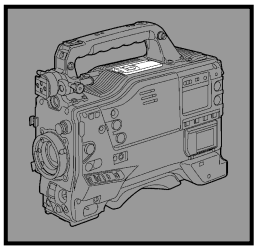
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		HANDLE SECTION		
M-1	VKH0416	HANDLE	1	
M-2	VMS4284	BELT HOOK PIN	2	
M-3	VMT1422	DUSTPROOF FILTER (REAR)	1	
M-4	VJF1319	SHOE	1	
M-5	VGL0783	TALLY COVER	1	
M-6	VMP5585	P.C.BOARD ANGLE	1	
M-7	VMG0955	P4 O-RING	1	
M-8	VMG0956	P8 O-RING	1	
M-9	VYQ2029	DUSTPROOF CUSHION F ASS'Y	1	
M-50	XYN2+F5	SCREW	5	
M-51	XSN2+6FCK	SCREW	4	
M-52	XSB3+12FZ	SCREW	2	
M-E31	VEP80A74A	BACK TALLY P.C.BOARD	1	

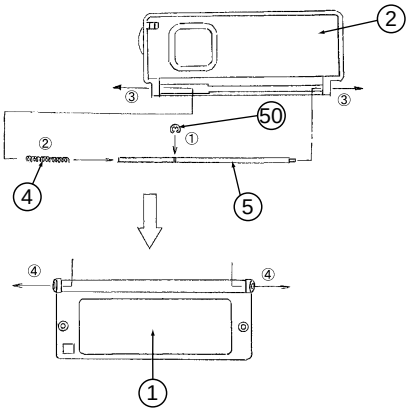
N HANDLE COVER SECTION

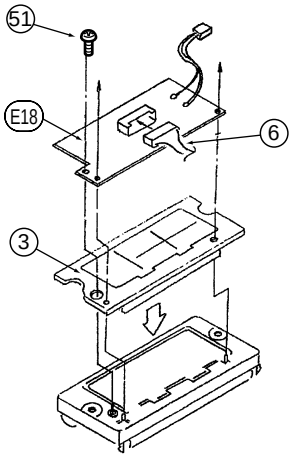




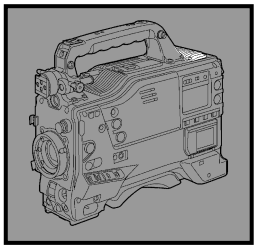
P TOP OPERATION SECTION

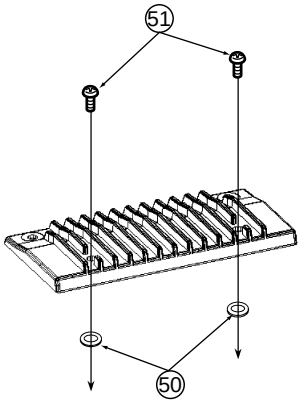


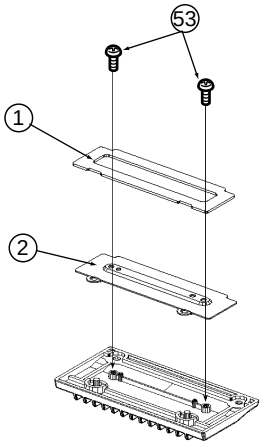


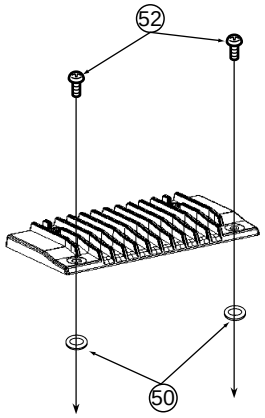


Q RECEIVER COVER ASSEMBLY







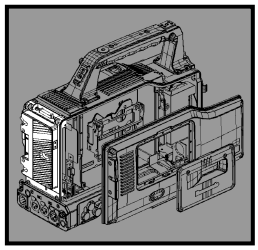


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		HANDLE COVER SECTION		
N-1	VKF3678	HANDLE COVER	1	
N-2	VMG1502	HANDLE RUBBER	1	
		TOP OPERATION SECTION		
P-1	VGK2304	VTR OPERATION BASE	1	
P-2	VKF2817	VTR OPERATION DOOR	1	
P-3	VGU8218	VTR OPERATION BUTTON	1	
P-4	VMB2917	DOOR SPRING	1	
P-5	VMS5860	DOOR SHAFT	1	
P-6	VEE0W18	OPERATE CABLE	1	
P-50	XUC12VM	E-RING	1	
P-51	XTN2+4G	SCREW	1	
P-E18	VEP86149A	OPERATE P.C.BOARD	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		RECEIVER COVER ASS'Y (VYF2894)		
Q-1	VMT1421	RECEIVER COVER CUSHION	1	
Q-2	VMP7587	RECEIVER COVER ANGLE	1	
Q-50	VMX3341	CUT WASHER	4	
Q-51	XSB3+8FZ	SCREW	2	
Q-52	XSB3+6FZ	SCREW	2	
Q-53	XTN2+4G	SCREW	2	

R BACK CASE SECTION

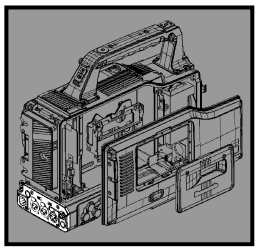
Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.

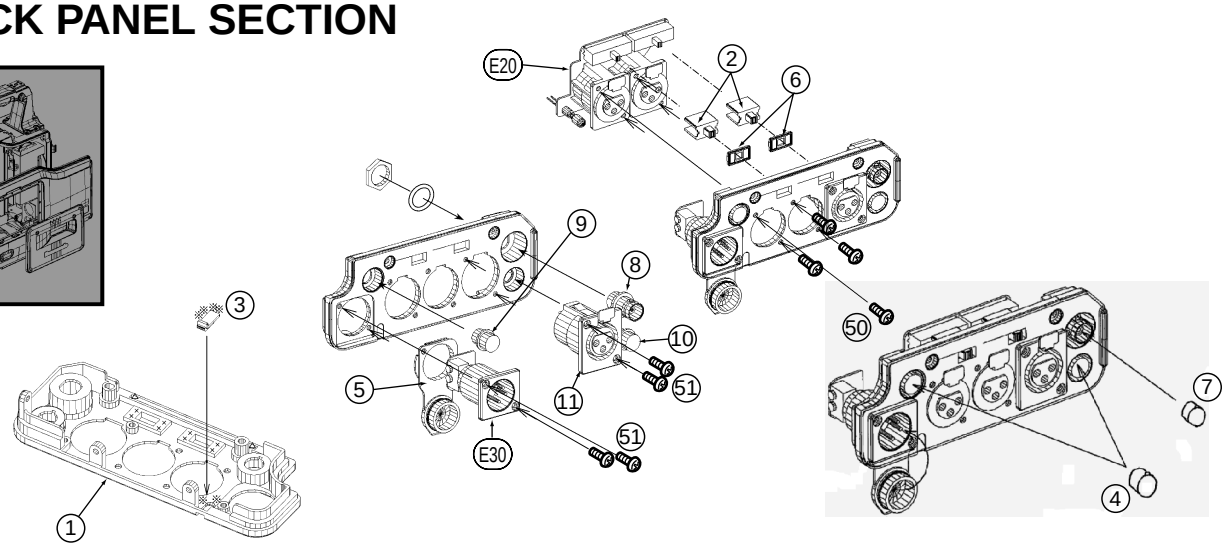


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		BACK CASE SECTION		
R-1	VYK0Z63	BACK CASE 1U	1	W/TUBE
R-2	VJF1476	BATTERY ADAPTER B	1	
R-3	VGF0960	CONNECTOR COVER	1	
R-4	VMG1503	CONNECTOR WATERPROOF RUBBER	1	
R-5	VGF0709	BACK CASE COVER	1	
R-6	VMX2606	SPACER	2	
⚠R-7	VJF1347	BATTERY HOLDER	1	
R-8	VKC0601	HINGE (REAR)	1	
R-9	VJF1025	TERMINAL HOLDER	1	
R-10	VJR0696	CONNECTOR TERMINAL	2	
R-11	VEE0W31	BATT CABLE	1	
R-12	VEE0W32	ANTON CABLE	1	
R-13	VEE0W44	BATT 2 CABLE	1	
R-14	VMG0832	TUBE	1	(1m)
R-50	VMX2605	WASHER	2	
R-51	XSN26+6FCK	SCREW	4	

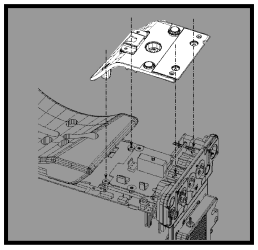
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R-52	XSB3+4FZ	SCREW	2	
R-53	XSB3+6FZ	SCREW	2	
R-54	XYN26+J4	SCREW	2	
R-55	VHD0325	SCREW	1	
R-E19	VEP80C51A	INTERFACE P.C.BOARD	1	

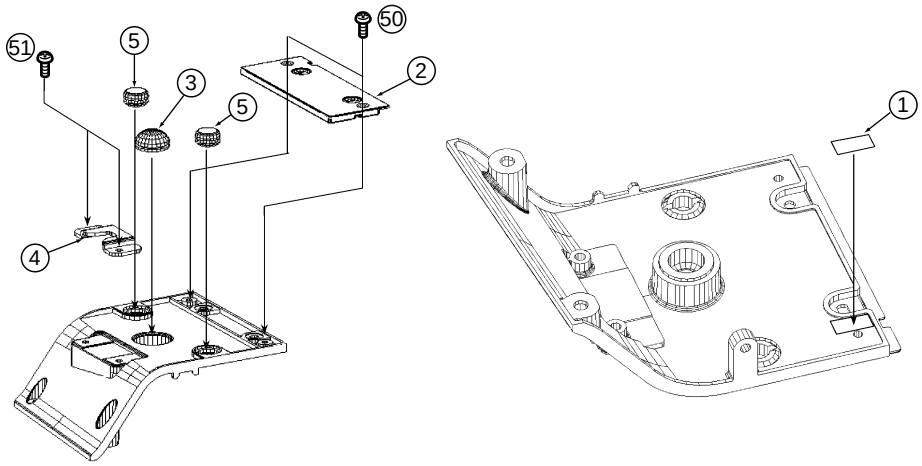
S JACK PANEL SECTION



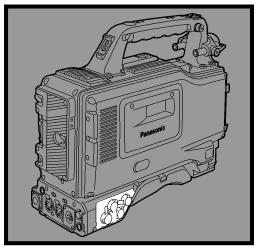


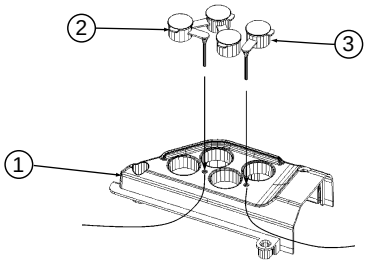
T BOTTOM COVER ASSEMBLY





U SIDE JACK ASSEMBLY



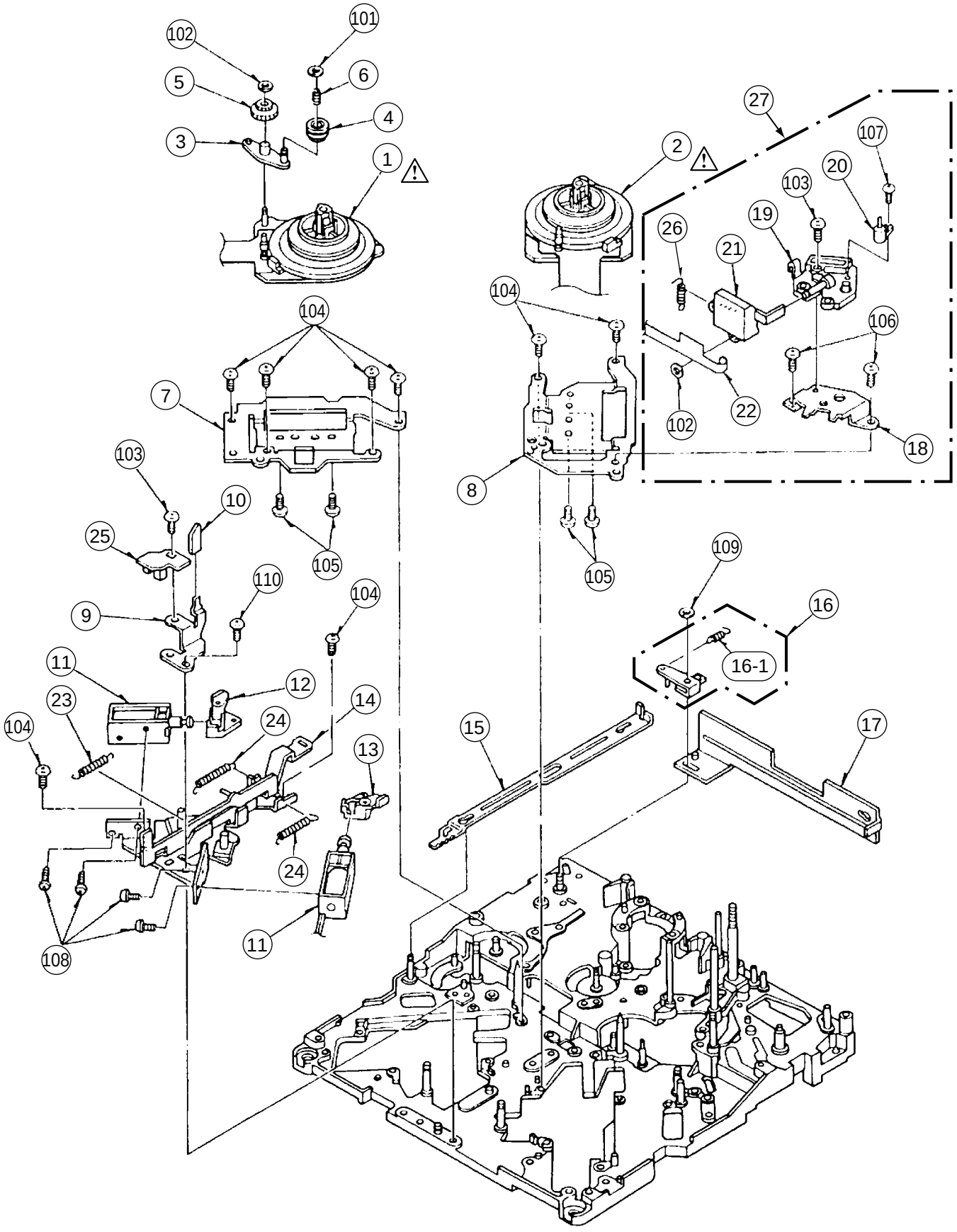


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		JACK PANEL SECTION		
S-1	VGM1952	REAR JACK PANEL	1	
S-2	VGU9300	SLIDE SW KNOB	2	
S-3	VGL1038	BOTTOM TALLY COVER	1	
S-4	VMG1508	RUBBER CAP	2	
S-5	VMG1511	RUBBER CAP (C)	1	
S-6	VMG1085	RAIN COVER RUBBER	2	
S-7	VMG1523	BNC RUBBER CAP	1	
S-8	VJS4132	CONNECTOR (FEMALE)	1	K1SMBDBA0001 FOR VIDEO OUT
S-9	VEE0W29	DC OUT CONNECTOR ASS'Y	1	
S-10	VEE0W30	ECU CONNECTOR ASS'Y	1	
S-11	VEE0W33	AUDIO OUT CONNECTOR ASS'Y	1	
S-50	XSN26+6FCK	SCREW	4	
S-51	XSN26+6FC	SCREW	4	
S-E20	VEP80C52A	REAR JACK P.C.BOARD	1	
S-E30	VEP80C71A	EXT DC P.C.BOARD	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
		BOTTOM COVER ASS'Y (VYK0P58)		
T-1	VMT1442	LED CUSHION	1	
T-2	VGQ7132	BOTTOM PROTECT PLATE	1	
T-3	VMG1417	BRAKER CAP	1	
T-4	VMP6370	BACK LOCK ANGLE	1	
T-5	VMG0954	REAR FOOT	2	
T-50	XSS26+6FZ	SCREW	2	
T-51	XSB3+6FZ	SCREW	2	
		SIDE JACK ASS'Y (VYK0P57)		
U-1	VGM1956	SIDE JACK CASE	1	
U-2	VMG1509	RUBBER CAP (A)	1	
U-3	VMG1510	RUBBER CAP (B)	1	

MECHANICAL CHASSIS ASSEMBLY (1)

Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.



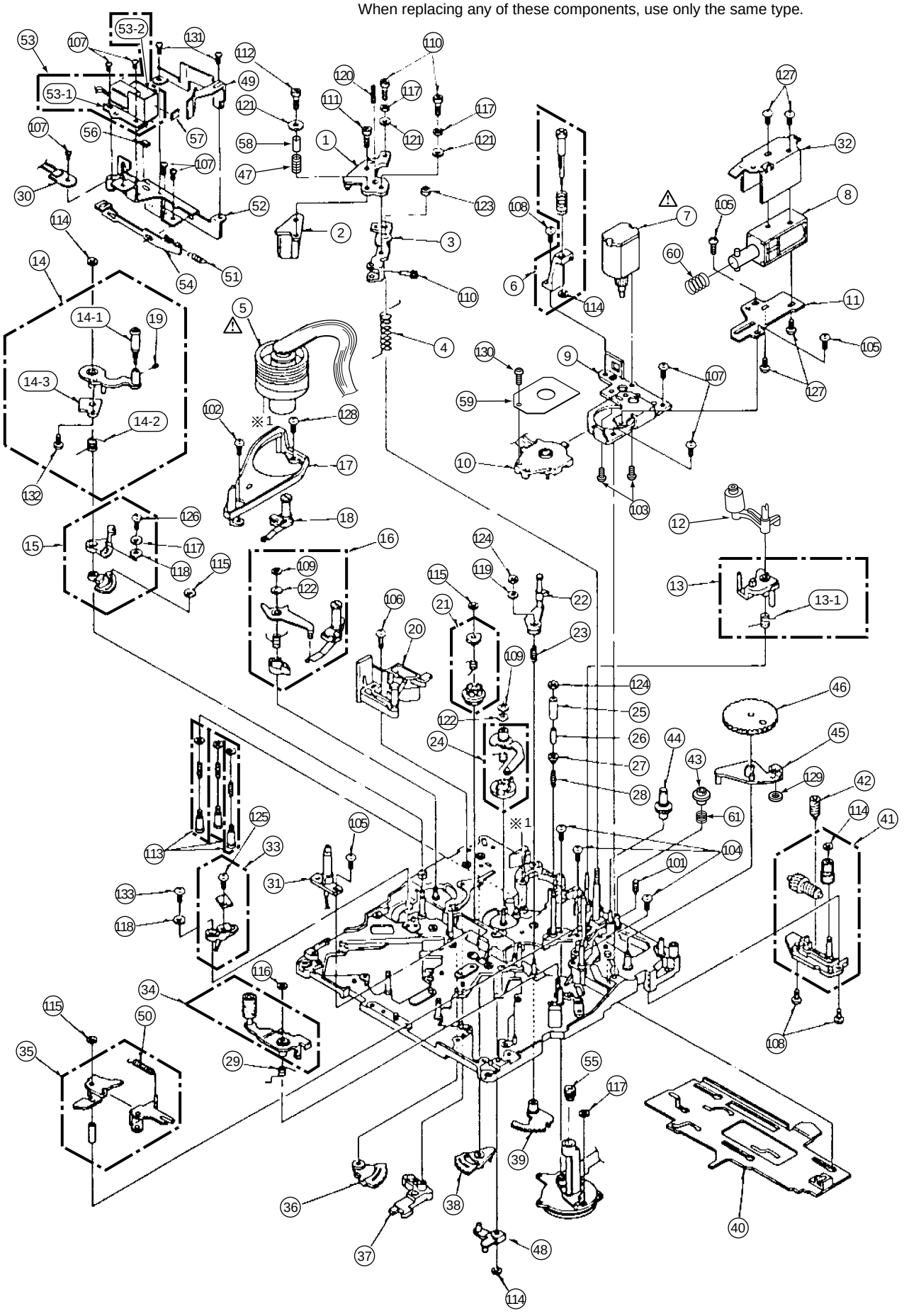
MECHANICAL CHASSIS ASSEMBLY (1)

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
⚠ 1	VEM0629	S REEL MOTOR ASS'Y	1	(M)
⚠ 2	VEM0630	T REEL MOTOR ASS'Y	1	(M)
3	VXL2614	IDLER ARM ASS'Y	1	
4	VXP1700	IDLER GEAR ASS'Y	1	
5	VDG1189	IDLER GEAR A	1	
6	VMB3011	IDLER SPRING	1	
7	VMA9399	S SIDE M STOPPER	1	
8	VMA9372	T SIDE M STOPPER	1	
9	VMA9400	M LOCK/RELEASE	1	
10	VMD2588	BRAKE RELEASE	1	
11	VSJ0216	SOLENOID	2	(M)
12	VXL2705	M CASSETTE BRAKE (S)A ASS'Y	1	
13	VXL2706	M CASSETTE BRAKE (T)A ASS'Y	1	
14	VXA5582	M CASSETTE BRAKE BASE ASS'Y	1	
15	VML3097	CONNECTION ARM A	1	
16	VXL2615C	CONNECTION ARM B	1	
16-1	VMB2973	ARM RELEASE SPRING	1	
17	VXL2653C	CONNECTION ARM C ASS'Y	1	
18	VMD2536	M SWITCH BASE	1	
19	VXA5633	M SWITCH BASE (1) ASS'Y	1	OR VXA5633C
20	VSS0510	REC INHIBIT SWITCH	1	
21	VSS0509	MIC CONNECTOR	1	
22	VWJ1074	MIC FPC	1	
23	VMB3168	LOCK SPRING	1	
24	VMB3080	M CASSETTE BRAKE SPRING	2	
25	VEK7694	CASSETTE DOWN PHOTO ASS'Y	1	OR VEK7694C
26	VMB2958	SPRING	1	
27	VXA5583C	M SENSOR SW BASE ASS'Y	1	
101	VMX2391	CUT WASHER	1	
102	VMX1061	WASHER	2	
103	XQN2+A3	SCREW	2	
104	XQN2+CF3	SCREW	8	
105	XQN2+AG4	SCREW	4	
106	XQN2+CF4	SCREW	2	
107	XQN2+CJ5	SCREW	1	
108	XQN2+A1.5	SCREW	4	
109	VMX0967	CUT WASHER	1	
110	XQN2+CF4	SCREW	1	

MECHANICAL CHASSIS ASSEMBLY (2)

Components identified with the mark ⚠ have the special characteristics for safety.
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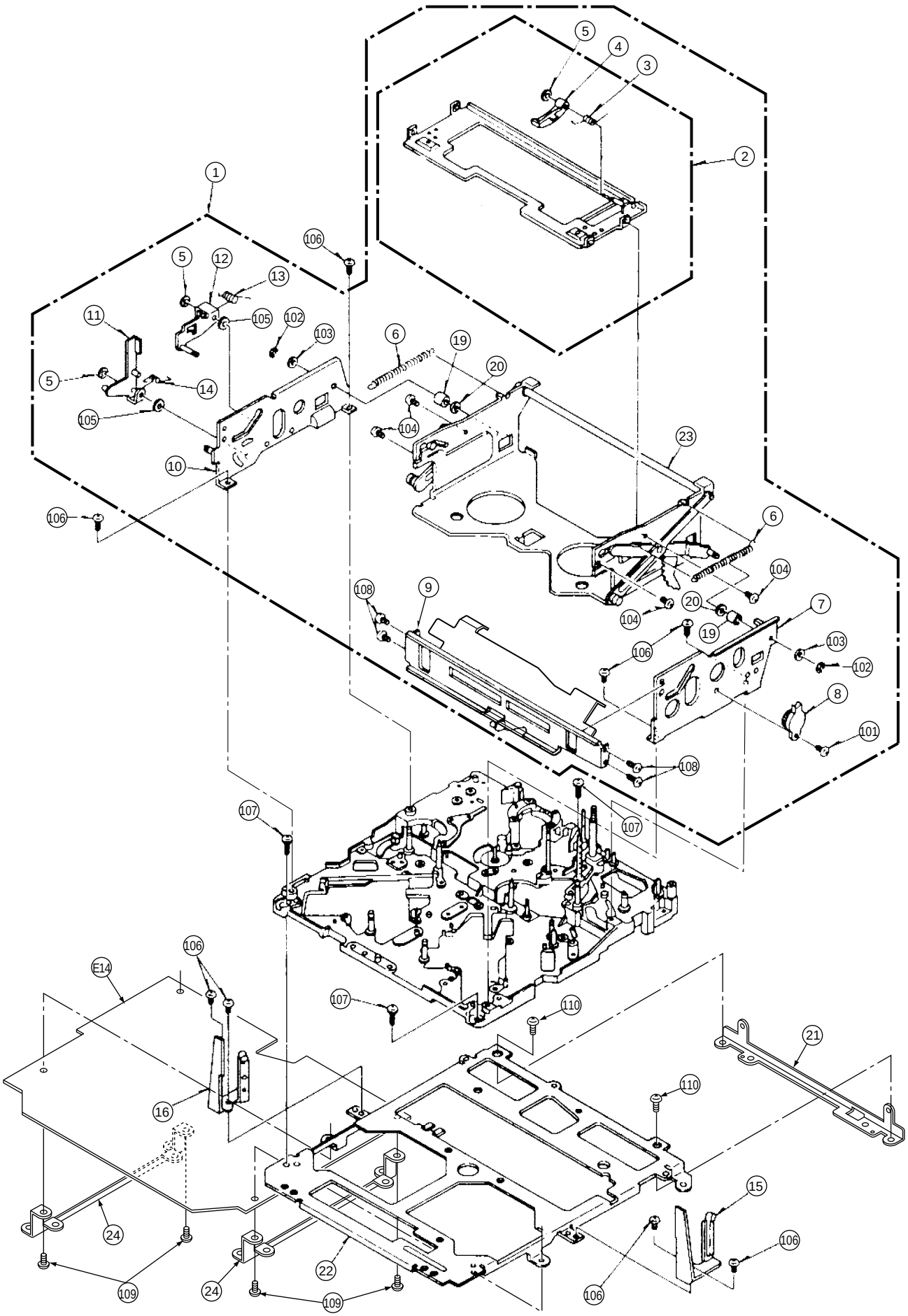
MECHANICAL CHASSIS ASSEMBLY (2)

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA5554	A/C HEAD BASE (1) ASS'Y	1	
2	VED0419	A/C HEAD	1	(M)
3	VXA6067	A/C HEAD BASE (2) ASS'Y	1	
4	VMB2935	A/C HEAD HIGHT SPRING	1	
⚠ 5	VEG1617	CYLINDER UNIT	1	(M)
6	VXA5715C	EMARGENCY SHAFT HOLDER ASS'Y	1	
⚠ 7	VEM0645C	LOADING MOTOR (1) ASS'Y	1	(M)
8	VSJ0227	PINCH SOLENOID	1	(M)
9	VXA5584C	MOTOR ANGLE ASS'Y	1	
10	VES0918C	MODE SW ASS'Y	1	(M)
11	VMA0A35	PINCH SOLENOID BASE	1	
12	VXL3027C	CLEANING ARM ASS'Y	1	(M)
13	VXL2870C	T2 ARM ASS'Y	1	
13-1	VMB3304	T2 ARM SPRING	1	
14	VXL2832	TENSION ARM A ASS'Y	1	(M)
14-1	VXP1866	TENSION ROLLER	1	
14-2	VMB3220	TENSION LEG SPRING	1	
14-3	VXA6173	MAGNET HOLDER ASS'Y	1	
15	VXA5791C	TENSION REG. SPRING HOOK	1	
16	VXL2812	S1 LOADING ARM ASS'Y	1	(M)
17	VMD3731	LOADING RAIL	1	
18	VXA6379	T1 BOAT ASS'Y	1	(M)
19	VHD0561	HEX SCREW	1	
20	VXA7361	S5 POST BASE A ASS'Y	1	(M)
21	VXP1683C	T4 CONNECTION GEAR ASS'Y	1	
22	VXL2772	T4 ARM ASS'Y	1	
23	VMB2950	T4 THRUST SPRING	1	
24	VXL2953	T LOADING ARM ASS'Y	1	
25	VMS5906	T3 UPPER FRANGE	1	
26	VMS5905	T3 SLEEVE	1	
27	VMS5904	T3 LOWER FRANGE	1	
28	VMB2929	T3 SPRING	1	
29	VMB2933	PINCH RELEASE SPRING	1	
30	VEK7927	INSULLATION SENSOR	1	EYHS77Y7
31	VEK7691	LED HOLDER P.C.BOARD	1	
32	VMA9411	PINCH SOLENOID ANGLE	1	
33	VXA5820C	TENSION SENSOR ASS'Y	1	
34	VXL2835C	PINCH ARM ASS'Y	1	(M)
35	VXL2588C	PINCH GUIDE ARM ASS'Y	1	
36	VXA5570C	T SECTOR GEAR ASS'Y	1	
37	VXL2838C	TENSION REG. GUIDE ARM	1	
38	VXA5567C	S SECTOR GEAR ASS'Y	1	
39	VXA5564C	T4 SECTOR GEAR ASS'Y	1	
40	VXA6348	MAIN ROD ASS'Y	1	
41	VXA5627C	THRUST SHAFT HOLDER ASS'Y	1	
42	VDG1166	MOTOR WARM GEAR	1	
43	VDG1443	EMARGENCY GEAR A	1	
44	VDG1444	MOTOR EMARGENCY GEAR B	1	
45	VXL2889C	MAIN CAM ARM ASS'Y	1	
46	VDG1168	MAIN CAM GEAR	1	(M)
47	VMB2937	A/C HEAD ADJUST SPRING	1	
48	VXL2600C	EJECT ARM ASS'Y	1	
49	VMD3475	T1 GUIDE ASS'Y	1	
50	VMB2934	SPRING	1	
51	VMB3051	CLEANER RETURN SPRING	1	
52	VXA6077	CLEANER BASE 1 ASS'Y	1	OR VXA6077C
53	VXA7382C	CLEANER SOLENOID ASS'Y	1	
53-1	VSJ0226	CLEANER SOLENOID	1	(M)
53-2	VMA9877	CLEANER SOLENOID BASE	1	
54	VMM0429	CLEANER INTERLOCK	1	
55	VXQ0556	THRUST SCREW ASS'Y	1	(M)
56	VMT0871	SILENCER A	1	
57	VMT0872	SILENCER B	1	
58	VMS5987	AZIMUTH SLEEVE	1	
59	VMZ2737	MODE SW COVER	1	
60	VMB2948	SPRING	1	
61	VMB3192	SPRING	1	
101	VHD0356	SCREW	1	
102	XQN2+A3	SCREW	1	
103	XQN2+A2	SCREW	2	
104	XQN2+A35FZ	SCREW	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
105	XQN2+AM2	SCREW	3	
106	XQN2+CF5	SCREW	1	
107	XQN2+CF3	SCREW	7	
108	XQN2+CF4	SCREW	3	
109	XUC12FP	E-RING	2	
110	XVE2B4FZ	HEX SCREW	3	
111	XVE2B6FP	HEX SCREW	1	
112	XVE2B12FP	HEX SCREW	1	
113	VXQ1156	SCREW	3	
114	VMX0967	CUT WASHER	4	
115	VMX1061	WASHER	3	
116	VMX1079	CUT WASHER	1	
117	XWA2B	WASHER	4	
118	XWE2	WASHER	2	
119	XWE16VW	WASHER	1	
120	XXE2A6FP	HEX SCREW	1	
121	XWG2	WASHER	3	
122	XWGV15Z32G	WASHER	2	
123	VHD0045	NYLON NUT	1	
124	VHN0312	NUT	2	
125	XQN2+AQ3.5FZ	SCREW	1	
126	XQN2+BQ55FZ	SCREW	1	
127	XQN2+A1.5	SCREW	4	
128	XQN2+A5	SCREW	1	
129	XWGV2Z4G	WASHER	1	
130	XYN2+J6	SCREW	1	
131	XYN2+J5	SCREW	2	
132	XQN2+CM3	SCREW	1	
133	XQN2+C4	SCREW	1	

MECHANICAL CHASSIS ASSEMBLY (3)

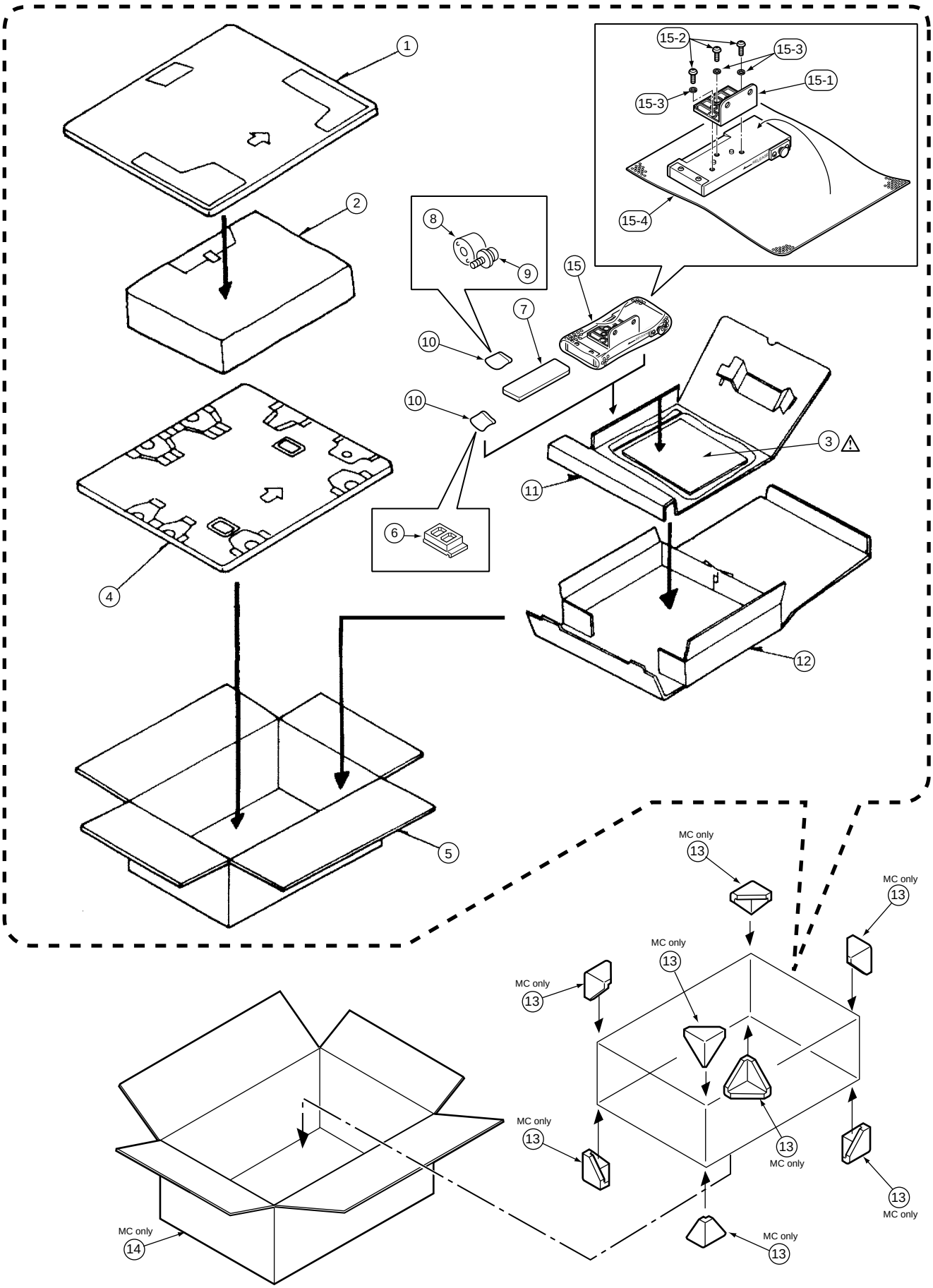


MECHANICAL CHASSIS ASSEMBLY (3)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VXA6361	CASSETTE COMPATRMENT ASSY	1	(M)
2	VXA6362	TOP PLATE ASS'Y	1	
3	VMC1290	CASSETTE PRESSURE SPRING	1	
4	VML3100	ADAPTOR STOPPER	1	
5	VMX0967	CUT WASHER	3	
6	VMB2961	SPRING	2	
7	VXA6050	SIDE PLATE (R)(1) ASS'Y	1	
8	VDG0387	DUMPER	1	
9	VXA6365	BACK PLATE ASS'Y	1	
10	VXA6367	SIDE PLATE (L)(1) ASS'Y	1	
11	VXL2896	RATCHET LOCK LEVER ASS'Y	1	
12	VXL2740	RATCHET ARM	1	
13	VMB2981	RATCHET SPRING	1	
14	VMB3025	SPRING	1	
15	VXA5632	T RECEIVER ANGLE ASS'Y	1	OR VXA5632C
16	VXA5631	S RECEIVER ANGLE ASS'Y	1	OR VXA5631C
19	VDP0967	MAIN ARM ROLLER	2	
20	XWGV4Y6G	WASHER	2	
21	VMA0Q08	H-BUFF ANGLE	1	
22	VMA0Q21	SUB CHASSIS	1	
23	VXA6368	CASSETTE HOLDER ASS'Y	1	
24	VMA0Q10	RF EQ ANGLE (T)	2	
101	XYN2+C8	SCREW	1	
102	XUC2FP	E-RING	2	
103	XWGV3Y5G	WASHER	2	
104	XQN14+A3	SCREW	4	
105	XWGV2Y4G	WASHER	2	
106	XQN2+CF3	SCREW	8	
107	XYN3+C5	SCREW	3	
108	XQN2+A2	SCREW	4	
109	XYN26+J6	SCREW	4	
110	XYN3+C4	SCREW	2	
E14	VEP82248C	SERVO P.C.BOARD	1	FOR AJ-SDX900P
E14	VEP82248A	SERVO P.C.BOARD	1	FOR AJ-SDX900E/ D908MC

PACKING PARTS ASSEEMBLY

Components identified with the mark ⚠ have the special characteristics for safety.
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PACKING PARTS ASSEMBLY

Components identified with the mark ⚠ have the special characterisitics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VYQ2741	CUSHION (U)	1	
2	VPF1179	POLYETHYLENE BAG	1	FOR AJ-SDX900P
2	VPF1176	POLYETHYLENE BAG	1	FOR AJ-SDX900E/ D908MC
⚠ 3	VQT0D82	OPERATING INSTRUCTIONS	1	FOR AJ-SDX900P
⚠ 3	VQT0D83	OPERATING INSTRUCTIONS	1	FOR AJ-SDX900E
⚠ 3	VQT0D84	OPERATING INSTRUCTIONS	1	FOR AJ-D908MC
4	VYQ2742	CUSHION (L)	1	
5	VPG0T00	PACKING CASE	1	FOR AJ-SDX900P
5	VPG0S57	PACKING CASE	1	FOR AJ-SDX900E
5	VPG0S58	PACKING CASE	1	FOR AJ-D908MC
6	VEJ1672	BATTERY ADAPTER ASS'Y	1	
7	VFC2588	SHOULDER BELT	1	
8	VGU8322	KNOB	1	
9	XYN2+J6FZ	SCREW	1	
10	VPF1016	POLYETHYLENE BAG	2	
11	VPK2298	ACCESSORY BOX ASS'Y (B)	1	
12	VPK2289	ACCESSORY BOX ASS'Y (A)	1	
13	VPN1791	CORNER PAD	8	FOR AJ-D908MC
14	VPG0T77	PACKING CASE	1	FOR AJ-D908MC
15	VFC3995	VF RAIL ASS'Y	1	
15-1	VGM1655	VF HOLDER ANGLE	1	
15-2	XSB3+8VZ	SCREW	3	
15-3	XWA3BFZ	WASHER	3	
15-4	VPF0679	AIR BAG	1	

ELECTRICAL REPLACEMENT PARTS LIST (AJ-SDX900P)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20981A	CCD P.C.BOARD	1	(RTL)
■ E2	VEP20982A	DRIVE P.C.BOARD	1	(RTL)
■ E3	VEP20983B	PULSE P.C.BOARD	1	(RTL)
■ E4	VEP23578C	PRE PROCESS P.C.BOARD	1	(RTL)
■ E5	VEP25122C	PRE AMP P.C.BOARD	1	(RTL)
■ E6	VEP89140A	MOTHER P.C.BOARD	1	(RTL)
■ E7	VEP84386A	REAR AUDIO P.C.BOARD	1	(RTL)
■ E8	VEP84385C	AUDIO LCD P.C.BOARD	1	(RTL)
■ E9	VEP23577B	CAMERA DSP P.C.BOARD	1	(RTL)
■ E10	VEP83606B	VTR CODEC P.C.BOARD	1	(RTL)
■ E11	VEP86332C	ECC SYSCON P.C.BOARD	1	(RTL)
■ E12	VEP84388A	CUE P.C.BOARD	1	(RTL)
■ E13	VEP85211A	RF EQ P.C.BOARD	1	(RTL)
■ E14	VEP82248C	SERVO P.C.BOARD	1	(RTL)
■ E15	VEP85210A	HEAD BUFF P.C.BOARD	1	(RTL)
■ E16	VEP21280A	CAMERA POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP21280A
■ E17	VEP81227B	VTR POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP81227B
■ E18	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
■ E19	VEP80C51A	INTERFACE P.C.BOARD	1	(RTL)
■ E20	VEP80C52A	REAR JACK P.C.BOARD	1	(RTL)
■ E21	VEP80C53A	L SIDE P.C.BOARD	1	(RTL)
■ E22	VEP80C54A	FRONT MIC P.C.BOARD	1	(RTL)
■ E23	VEP80C57A	FRONT SW P.C.BOARD	1	(RTL)
■ E24	VEP80C58A	MENU SW P.C.BOARD	1	(RTL)
■ E25	VEP80C59A	SYNCHRO P.C.BOARD	1	(RTL)
■ E26	VEP80C60A	FRONT VR P.C.BOARD	1	(RTL)
■ E27	VEP80C61A	USER P.C.BOARD	1	(RTL)
■ E28	VEP80C62A	TOGGLE P.C.BOARD	1	(RTL)
■ E29	VEP80C64A	HEADPHONE P.C.BOARD	1	(RTL)
■ E30	VEP80C71A	EXT DC P.C.BOARD	1	(RTL)
■ E31	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20981A	CCD P.C.BOARD	1	(RTL)
C1-12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	12	
C13	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C14	ECSF1CE685	T.CAPACITOR CH 16V 6.8U	1	
C100	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C101	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C102	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C103	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C104	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C105	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C106	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C107	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C108	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C109	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C110	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C111	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C112,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C116	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118-21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C122	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C123	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C124	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C125	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C126	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C127	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C128-30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C131	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C132	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C133	ECSF1CE685	T.CAPACITOR CH 16V 6.8U	1	
C200	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C201	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C202	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C203	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C204	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C205	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C206	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C207	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C208	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C209	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C210	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C211	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C212,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C216	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C217	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C218-21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C222	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C223	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C224	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C225	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C226	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C227	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C228-30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C231	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C232	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C233	ECSF1CE685	T.CAPACITOR CH 16V 6.8U	1	
C300	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C301	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C302	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C303	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C304	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C305	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C306	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C307	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C308	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C309	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C310	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C311	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C312,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C316	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C317	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C318-21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C322	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C323	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C324	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C325	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C326	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C327	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C328-30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C331	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C332	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C333	ECSF1CE685	T.CAPACITOR CH 16V 6.8U	1	
D100	MA142K	DIODE	1	
D103	MA142K	DIODE	1	
D200	MA142K	DIODE	1	
D203	MA142K	DIODE	1	
D300	MA142K	DIODE	1	
D303	MA142K	DIODE	1	
IC1	C0JBAC000252	IC	1	
IC2	C0JBAC000310	IC	1	
IC3	C0ZBZ0000718	IC	1	
IC4	C3EBHG000002	IC	1	
IC100,01	UPD16510GR	IC	2	
IC102	C0JBAA000319	IC	1	
IC103	C0JBAC000310	IC	1	
IC104	C0JBAC000267	IC	1	
IC200,01	UPD16510GR	IC	2	
IC202	C0JBAA000319	IC	1	
IC203	C0JBAC000310	IC	1	
IC204	C0JBAC000267	IC	1	
IC300,01	UPD16510GR	IC	2	
IC302	C0JBAA000319	IC	1	
IC303	C0JBAC000310	IC	1	
IC304	C0JBAC000267	IC	1	
L1-L4	J0JBC0000019	FILTER	4	
L100-02	J0JBC0000019	FILTER	3	
L200-02	J0JBC0000019	FILTER	3	
L300-02	J0JBC0000019	FILTER	3	
Q100	2SC39310YL	TRANSISTOR	1	
Q101	2SD1819A-R	TRANSISTOR	1	
Q200	2SC39310YL	TRANSISTOR	1	
Q201	2SD1819A-R	TRANSISTOR	1	
Q300	2SC39310YL	TRANSISTOR	1	
Q301	2SD1819A-R	TRANSISTOR	1	
R1	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R2-R5	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R6	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R7,R8	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	2	
R11-16	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R101	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R102,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R104,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R107	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R110	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R111	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R112,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R114,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R116	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R117	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R118	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R119	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R120	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R121	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R201	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R202,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R204,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R207	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R210	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R211	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R212,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R214,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R216	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R217	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R218	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R219	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R220	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R221	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R301	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R302,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R304,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R307	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R309	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R310	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R311	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R312,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R314,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R316	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R317	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R318	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R319	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R320	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R321	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
		MISCELLANEOUS		
	VEE0W39	CCD SENSOR (B) CABLE	3	
	VGF0965	INSULATION SHEET	3	
■ E2	VEP20982A	DRIVE P.C.BOARD	1	(RTL)
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C2	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C5-C9	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C10	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
C11	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C12-17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C22,23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C100	EEUFC1E471	E.CAPACITOR 25V 470U	1	
C101	EEUFC1E102	E.CAPACITOR 25V 1000U	1	
C102,03	EEFCD0K330R	E.CAPACITOR 8V 33U	2	
C105	EEUFC0J561	E.CAPACITOR 6.3V 560U	1	
C107	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C108	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C109	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C115-18	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	4	
C119-26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	8	
C127	EEUFC1H2R2	E.CAPACITOR 50V 2.2U	1	
C128	EEUFC1H100	E.CAPACITOR 50V 10U	1	
C129-32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C133	EEUFC1E331	E.CAPACITOR 25V 330U	1	
C134	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C135	EEUFC1E101S	E.CAPACITOR 25V 100P	1	
C136	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C140	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C142-44	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C145	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C146	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C147-50	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C151	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C152	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C153	EEFCD1C8R2R	E.CAPACITOR 16V 8.2U	1	
C154	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C155	EEUFC1V820	E.CAPACITOR 35V 82P	1	
C156	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C157	EEUFC1E221	E.CAPACITOR 16V 220U	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1	MA3J14300L	DIODE	1	
D2	MA121	DIODE	1	
D100	MA142K	DIODE	1	
D101,02	MA8062-MH	DIODE	2	
D104	MA8024	DIODE	1	
D105	MA3J14300L	DIODE	1	
D106	MA8180-M	DIODE	1	
D107	MA8062-MH	DIODE	1	
D109	MA8024	DIODE	1	
IC1	AK9813AF	IC	1	
IC2	51957BFP	IC	1	
IC4	C0ABFB000012	IC	1	
IC5	C0ABCA000038	IC	1	
IC100	LM4040CIX2.5	IC	1	C0DBZFA00003
IC101,02	C0ABEB000023	IC	2	
IC104	C0ABEB000023	IC	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1,L2	J0JBC0000019	FILTER	2	
L100-08	VLP0321A300	FERRITE CORE	9	
P1	VJP4064P060	CONNECTOR (MALE)	1	
P2	K1MN50B00014	CONNECTOR	1	
Q100,01	2SC3734B24	TRANSISTOR	2	
Q102,03	2SB1073-R	TRANSISTOR	2	
Q105,06	2SB1073-R	TRANSISTOR	2	
Q107	2SD1119-R	TRANSISTOR	1	
Q109	2SB1073-R	TRANSISTOR	1	
R1-R3	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R4	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R5-R7	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9-11	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R12-14	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	3	
R15,16	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R17	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R18,19	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	2	
R21	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R22,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R24	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R26	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R27	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R28	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R29	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R30	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R31	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R32	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R33	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R34	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R35-37	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	3	
R38	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R39	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R40	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R41	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R42	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R43	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R44	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R45	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R46	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R47	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R48	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R49	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R50	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R100	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R103-05	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	3	
R107	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R108	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R109	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R110	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R113,14	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R115	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R116	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R117	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R118	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R120	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R121,22	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R124	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R125	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R127	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R128	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R130	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
⚠ R131	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R132	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R133	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R136,37	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R139,40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R142	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R143,44	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R146	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R147	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
TG1	EYF6CU	TEST POINT	1	
■ E3	VEP20983B	PULSE P.C.BOARD	1	(RTL)
C1-13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	13	
C14	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	
C15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C16,17	EEFCD0J470R	E.CAPACITOR 6.3V 47U	2	
C18-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C29-33	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C34,35	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C36-38	ECST1AY106Z	T.CAPACITOR CH 10V 10U	3	
C39	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C40-43	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	4	
C44	F2D0J1500002	E.CAPACITOR 6.3V 15U	1	
C100	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C103,04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C105	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C106	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C107	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C108	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C109	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C110	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C111	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C112	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C113	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C114	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C115	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C116	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C117	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C118,19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C120,21	EEFCD0J470R	E.CAPACITOR 6.3V 47U	2	
C123,24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C126	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C127	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C128	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C130	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C131	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C132	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C133	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C134	VCEA1ASS101	E.CAPACITOR 10V 100U	1	
C135	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C136,37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C138	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C139	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C141	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C142	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C143	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C144	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C145	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C146	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C147	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C148	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C149	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
C150	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C151,52	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C153	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C154	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C155	ECHU1C103JA	P.CAPACITOR 16V 0.01U	1	
C156-61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C163	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C164	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C166,67	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
D100,01	MA8024	DIODE	2	
D102,03	MA8043-M	DIODE	2	
D104	MA142K	DIODE	1	
DL1	J1ZDA0000006	DELAY LINE	1	
DL2	J1ZEA0000004	DELAY LINE	1	
DL3	J1ZFA0000014	DELAY LINE	1	
DL4	J1ZEA0000006	DELAY LINE	1	
IC1	C1ZBZ0001789	IC	1	
IC2	C1ZBZ0001555	IC	1	
IC3	51957BFP	IC	1	
IC4	C0JBAA000174	IC	1	
IC5	C0JBAF000250	IC	1	
IC6,C7	C0JBAA000261	IC	2	
IC8	C0JBCA000066	IC	1	
IC14	C0JBAZ001120	IC	1	
IC15	C0JBAF000250	IC	1	
IC16-18	C0JBAA000261	IC	3	
IC19	C0JBCA000066	IC	1	
IC20	C0CBABC00060	IC	1	
IC100	LM4040CIX2.5	IC	1	C0DBZFA00003
IC101,02	C0ABEB000023	IC	2	
IC103	MB40768PF	IC	1	
IC104	C0ABAB000097	IC	1	
IC105	C3EBEG000042	IC	1	
IC106	XC62FP3302M	IC	1	
IC107	C0JBAM000045	IC	1	
IC108	TLC272CPW	IC	1	C0ABHA000022
IC109	74HC4046MTCX	IC	1	
IC110	NJU7061V	IC	1	
IC111	C0JBAB000350	IC	1	
IC112-15	C0JBAA000261	IC	4	
ID1	VVVSI4086A	SOFTWARE	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1-L3	J0JBC0000019	FILTER	3	
L5,L6	J0JBC0000019	FILTER	2	
L8	J0JBC0000019	FILTER	1	
L11-16	J0JBC0000019	FILTER	6	
L18	J0JBC0000019	FILTER	1	
L100-07	J0JBC0000019	FILTER	8	
L109-12	J0JBC0000019	FILTER	4	
P1	VJP4064P060	CONNECTOR (MALE)	1	
P2	K1MN40A00004	CONNECTOR	1	
P3	K1KA08B00147	CONNECTOR (FEMALE)	1	
P4	K1MN16A00011	CONNECTOR	1	
P5	K1MN14B00019	CONNECTOR	1	
P7	VJS4064K060E	CONNECTOR (FEMALE)	1	
Q100-02	2SB1073-R	TRANSISTOR	3	
Q103	2SD1119-R	TRANSISTOR	1	
Q104	2SA1532-B	TRANSISTOR	1	
R1-R3	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R4,R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6,R7	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R8	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R9	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R10,11	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	2	
R12	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R15	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R20	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R21,22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R23	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R24-29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	6	D0GB103JA002
R32	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R33	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R36	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R38	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R39	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R40,41	ERJ3RBD201	M.RESISTOR CH 1/16W 200	2	
R43	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R44	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R45	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R56	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R57,58	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	2	
R59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R64	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R65,66	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R67	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R100	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R101,02	D1H84704A008	COMBI.R-R 47	2	
R103	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R104	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R105	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R106,07	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R108	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R109	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R110	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R111	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R112	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R113	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R114	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R116	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R117	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R118	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R119	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R120	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R121	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R122	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R123	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R124	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R125	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R126	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R127	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R128	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R129	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R130	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R131	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R132	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R133	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R134	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R135	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R136	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R137	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R139	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R140	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R142	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R143,44	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R145	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
⚠ R146	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R147	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R148	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R149	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R150	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
⚠ R151	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R152-56	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R159	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R160	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R163	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R166	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R167	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R168	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R169	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R171	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R173	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
TG1,G2	EYF6CU	TEST POINT	2	
TP6	EYF6CU	TEST POINT	1	
TP101,02	EYF6CU	TEST POINT	2	
U1	K4CA01000018	TERMINAL	1	
X100	H1C3605B0001	CRYSTAL OSCILLATOR	1	
■ E4	VEP23578C	PRE PROCESS P.C.BOARD	1	(RTL)
C101	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C102	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C104,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C106	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C107	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C108	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C109,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C111,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C113	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C114,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C116	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C117,18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C120	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C121	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C122	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C129	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C130	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C131	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C133	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C134	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C135	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C136	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C137	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C138	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C140	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C141	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C142	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C144,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C146	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C147	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C149-54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C162	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C163	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C164	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C166	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C168	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C175-77	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C180	ECCF1H330JC	C.CAPACITOR 50V 33P	1	
C181,82	ECSF1CE225	E.CAPACITOR 16V 2.2M	2	
C301	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C302	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C304,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C306	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C307	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C308	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C309,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C311,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C313	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C314,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C316	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C317,18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C320	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C321	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C322	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C329	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C330	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C331	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C333	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C334	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C335	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C336	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C337	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C338	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C340	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C341	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C342	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C344,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C346	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C347	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C349-54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C362	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C363	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C364	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C366	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C368	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C370	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C371,72	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C380	ECCF1H330JC	C.CAPACITOR 50V 33P	1	
C381,82	ECSF1CE225	E.CAPACITOR 16V 2.2M	2	
C501	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C502	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C504,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C506	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C507	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C508	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C509,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C511,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C513	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C514,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C516	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C517,18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C520	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C521	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C522	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C529	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C530	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C531	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C533	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C534	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C535	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C536	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C537	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C538	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C540	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C541	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C542	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C544,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C546	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C547	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C549-54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C562	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C563	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C564	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C566	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C568	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C574-76	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C580	ECCF1H270JC	C.CAPACITOR 50V 27P	1	
C581,82	ECSF1CE225	E.CAPACITOR 16V 2.2M	2	
C701,02	VCEA0JAP470	C.CAPACITOR 6.3V 47P	2	F2D0J4700001
C709,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C711,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C713,14	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C715,16	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C717-20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C722	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C723	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C724	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C726-31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C734	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C779,80	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C781,82	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C783,84	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C785,86	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C787,88	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C789	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
D703,04	MA8024	DIODE	2	
D773,74	MA8024	DIODE	2	
FL101	J0E1805B0003	TRAP FILTER	1	
FL301	J0E1805B0003	TRAP FILTER	1	
FL501	J0E1805B0003	TRAP FILTER	1	
IC100	TC7W53F	IC	1	
IC101,02	C0ABEB000023	IC	2	
IC103	MC1495D	IC	1	
IC104	C1GB00000054	IC	1	
IC105	C0ABEB000023	IC	1	
IC106	C0ABAA000061	IC	1	
IC107	TC7W53F	IC	1	
IC108	C0ABAB000097	IC	1	
IC109	C0JBAS000075	IC	1	
IC110	C0ABEB000023	IC	1	
IC111	TC7W53F	IC	1	
IC113	C0ABAB000097	IC	1	
IC300	TC7W53F	IC	1	
IC301,02	C0ABEB000023	IC	2	
IC303	MC1495D	IC	1	
IC304	C1GB00000054	IC	1	
IC305	C0ABEB000023	IC	1	
IC306	C0ABAA000061	IC	1	
IC307	TC7W53F	IC	1	
IC308	C0ABAB000097	IC	1	
IC309	C0JBAS000075	IC	1	
IC310	C0ABEB000023	IC	1	
IC311	TC7W53F	IC	1	
IC313	C0ABAB000097	IC	1	
IC500	TC7W53F	IC	1	
IC501,02	C0ABEB000023	IC	2	
IC503	MC1495D	IC	1	
IC504	C1GB00000054	IC	1	
IC505	C0ABEB000023	IC	1	
IC506	C0ABAA000061	IC	1	
IC507	TC7W53F	IC	1	
IC508	C0ABAB000097	IC	1	
IC509	C0JBAS000075	IC	1	
IC510	C0ABEB000023	IC	1	
IC511	TC7W53F	IC	1	
IC513	C0ABAB000097	IC	1	
IC701	LM4040CIX2.5	IC	1	C0DBZFA00003
IC702	C0ABEB000023	IC	1	
IC703	AK9813AF	IC	1	
IC704-06	C0FBBG000037	IC	3	
IC707	C0ABFB000012	IC	1	
IC709	LM4040CIX2.5	IC	1	C0DBZFA00003
IC771	LM4040CIX2.5	IC	1	C0DBZFA00003
IC772	C0ABEB000023	IC	1	
J701-03	K4CD01000006	LUG TERMINAL	3	
L701	VLP0321A300	FERRITE CORE	1	
L702	J0JBC0000019	FILTER	1	
L703,04	VLP0321A300	FERRITE CORE	2	
L773,74	VLP0321A300	FERRITE CORE	2	
L776	VLP0321A300	FERRITE CORE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P701	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057
P702	VJP4395D008	CONNECTOR (MALE)	1	
Q100	2SC4176	TRANSISTOR	1	B1ABDB000014
Q101,02	2SK508K512	TRANSISTOR	2	
Q103	2SC4176	TRANSISTOR	1	B1ABDB000014
Q104-06	2SA1610	TRANSISTOR	3	
Q107,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q109	2SA1610	TRANSISTOR	1	
Q300	2SC4176	TRANSISTOR	1	B1ABDB000014
Q301,02	2SK508K512	TRANSISTOR	2	
Q303	2SC4176	TRANSISTOR	1	B1ABDB000014
Q304-06	2SA1610	TRANSISTOR	3	
Q307,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q309	2SA1610	TRANSISTOR	1	
Q500	2SC4176	TRANSISTOR	1	B1ABDB000014
Q501,02	2SK508K512	TRANSISTOR	2	
Q503	2SC4176	TRANSISTOR	1	B1ABDB000014
Q504-06	2SA1610	TRANSISTOR	3	
Q507,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q509	2SA1610	TRANSISTOR	1	
Q708	2SB1073	TRANSISTOR	1	
Q709	2SD1119-R	TRANSISTOR	1	
Q778	2SB1073	TRANSISTOR	1	
Q779	2SD1119-R	TRANSISTOR	1	
QR702,03	UNR511200L	TRANSISTOR	2	
R100	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R101	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R102	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R103	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R104	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R105	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R107	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R108,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R110	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R111	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R112	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R113	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R115	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R116	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R118	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R119	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R121	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R122,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R124	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R125,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R127	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R128	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R129	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R131	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R132	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R133	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R134	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R136	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R137	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R138	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R139	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R141	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R144,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R147	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R148	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R149	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R150	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R151	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R152	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R153	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R154	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R155	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R157	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R158	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R159	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R160	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R161	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R163	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R164	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R166	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R172	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R175	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R176	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R177	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R178	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R179	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R180	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R183	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R187	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R189	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R193	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R195	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R197	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R198	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R203	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R205	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R206	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R207	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R208	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R214	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R215	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R220	ERDS2TJ155	C.RESISTOR 1/4W 1.5M	1	
R300	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R301	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R302	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R303	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R304	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R305	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R307	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R308,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R311	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R312	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R313	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R315	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R316	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R318	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R319	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R321	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R322,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R324	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R325,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R327	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R328	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R329	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R331	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R332	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R333	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R334	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R336	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R337	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R338	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R339	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R341	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R344,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R347	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R348	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R349	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R350	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R351	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R352	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R353	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R354	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R355	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R357	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R358	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R359	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R360	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R361	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R362	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R363	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R364	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R366	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R372	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R375	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R376	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R377	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R378	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R379	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R380	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R383	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R387	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R389	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R393	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R395	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R397	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R398	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R403	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R405	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R406	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R407	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R408	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R411	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R412	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R420	ERDS2TJ155	C.RESISTOR 1/4W 1.5M	1	
R500	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R501	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R502	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R503	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R504	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R505	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R507	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R508,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R510	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R511	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R512	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R513	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R515	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R516	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R518	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R519	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R521	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R522,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R524	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R525,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R527	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R528	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R529	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R532	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R533	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R534	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R536	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R537	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R538	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R539	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R541	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R544,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R547	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R548	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R549	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R550	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R551	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R552	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R553	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R554	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R555	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R557	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R558	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R559	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R560	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R561	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R562	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R563	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R564	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R566	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R572	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R575	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R576	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R577	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R578	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R579	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R580	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R583	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R587	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R589	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R593	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R595	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R597	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R598	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R603	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R605	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R606	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R607	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R608	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R611	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R612	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R620	ERDS2TJ135	C.RESISTOR 1/4W 1.3M	1	
R721	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R723	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R724,25	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R726	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R727	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R728,29	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R730,31	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R732,33	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R734,35	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R736	EXB24V100J	COMBI.R-R 10	1	
R738	EXB24V100J	COMBI.R-R 10	1	
R740	EXB24V100J	COMBI.R-R 10	1	
R742,43	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R744	EXB24V473J	COMBI.R-R 47K	1	
R746	EXB24V473J	COMBI.R-R 47K	1	
R748	EXB24V473J	COMBI.R-R 47K	1	
R749	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R753	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R754	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R755	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R756	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R757	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R761	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R762	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R763	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R764	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R765	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R766	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R768-70	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	3	
R772	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R774	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R775	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R776-78	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	3	
R779	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R780	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R781-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R784	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R791	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R793	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R794,95	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R796	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R797	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R798,99	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R800,01	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R802,03	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R804	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R805	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
TG701	EYF6CU	TEST POINT	1	
TP101-03	EYF6CU	TEST POINT	3	
TP301-03	EYF6CU	TEST POINT	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP501-03	EYF6CU	TEST POINT	3	
VR701,02	VRV0303B103	V.RESISTOR 10K	2	
■ E5	VEP25122C	PRE AMP P.C.BOARD	1	(RTL)
C101	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C103-05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C107	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C108,09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C110	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C111,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C115,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C119,20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C123	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C128,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C132	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C133-36	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C137	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C138	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C139	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C141	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C146	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C147,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C149	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C150	ECUX1H040CCV	C.CAPACITOR CH 50V 4P	1	
C152	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C201	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C203-05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C207	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C208,09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C210	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C211,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C215,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C219,20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C223	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C228,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C232	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C233-36	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C237	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C238	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C239	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C241	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C246	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C247,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C249	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C250	ECUX1H030CCV	C.CAPACITOR CH 50V 3P	1	
C252	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C301	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C303-05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C307	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C308,09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C310	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C311,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C315,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C319,20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C323	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C328,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C332	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C333-36	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C337	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C338	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C339	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C341	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C346	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C347,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C349	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C350	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C352	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C407,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C409	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C410,11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C413-16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C417	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C420	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C421,22	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C423,24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C425,26	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C427,28	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C429,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C431,32	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
D401,02	MA8024	DIODE	2	
DL101	J1ZGA0000004	DELAY LINE	1	
DL201	J1ZGA0000004	DELAY LINE	1	
DL301	J1ZGA0000004	DELAY LINE	1	
FL101	J0E1005B0008	LOW PASS FILTER	1	
FL201	J0E1005B0008	LOW PASS FILTER	1	
FL301	J0E1005B0008	LOW PASS FILTER	1	
IC101	C0ABAB000097	IC	1	
IC102	C0ABAB000102	IC	1	
IC103	TC7W53F	IC	1	
IC104	C0JBAS000075	IC	1	
IC105	TLC272CPW	IC	1	C0ABHA000022
IC106	C0ABEB000023	IC	1	
IC107	C0ABAB000103	IC	1	
IC108	TC7W53F	IC	1	
IC109	C0ABAB000097	IC	1	
IC201	C0ABAB000097	IC	1	
IC202	C0ABAB000102	IC	1	
IC203	TC7W53F	IC	1	
IC204	C0JBAS000075	IC	1	
IC205	TLC272CPW	IC	1	C0ABHA000022
IC206	C0ABEB000023	IC	1	
IC207	C0ABAB000103	IC	1	
IC208	TC7W53F	IC	1	
IC209	C0ABAB000097	IC	1	
IC301	C0ABAB000097	IC	1	
IC302	C0ABAB000102	IC	1	
IC303	TC7W53F	IC	1	
IC304	C0JBAS000075	IC	1	
IC305	TLC272CPW	IC	1	C0ABHA000022
IC306	C0ABEB000023	IC	1	
IC307	C0ABAB000103	IC	1	
IC308	TC7W53F	IC	1	
IC309	C0ABAB000097	IC	1	
IC404	TC4W53FU	IC	1	
IC405	C0JBAS000075	IC	1	
IC406	AK9813AF	IC	1	
IC407-09	C0JBAA000182	IC	3	
IC410	LM4040CIX2.5	IC	1	C0DBZFA00003
IC411	C0ABEB000023	IC	1	
J401,02	VJR1094	TERMINAL	2	
J403,04	K4CD01000006	LUG TERMINAL	2	
L401	VLP0321A300	FERRITE CORE	1	
L402	J0JBC0000019	FILTER	1	
L403,04	VLP0321A300	FERRITE CORE	2	
L405-07	J0JBC0000019	FILTER	3	
P101	VJP4395C003	CONNECTOR (MALE)	1	
P201	VJP4395C003	CONNECTOR (MALE)	1	
P301	VJP4395C003	CONNECTOR (MALE)	1	
P401	VJS4064K060E	CONNECTOR (FEMALE)	1	
P402	VJP3808E040	CONNECTOR (MALE)	1	K1KA40A00101
Q101	2SC4176	TRANSISTOR	1	B1ABDB000014
Q102-07	2SA1610	TRANSISTOR	6	
Q109	2SC4176	TRANSISTOR	1	B1ABDB000014
Q110	2SA1610	TRANSISTOR	1	
Q112,13	2SA1610	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q114	2SC4176	TRANSISTOR	1	B1ABDB000014
Q201	2SC4176	TRANSISTOR	1	B1ABDB000014
Q202-07	2SA1610	TRANSISTOR	6	
Q209	2SC4176	TRANSISTOR	1	B1ABDB000014
Q210	2SA1610	TRANSISTOR	1	
Q212,13	2SA1610	TRANSISTOR	2	
Q214	2SC4176	TRANSISTOR	1	B1ABDB000014
Q301	2SC4176	TRANSISTOR	1	B1ABDB000014
Q302-07	2SA1610	TRANSISTOR	6	
Q309	2SC4176	TRANSISTOR	1	B1ABDB000014
Q310	2SA1610	TRANSISTOR	1	
Q312,13	2SA1610	TRANSISTOR	2	
Q314	2SC4176	TRANSISTOR	1	B1ABDB000014
Q401	2SB1073	TRANSISTOR	1	
Q402	2SD1119-R	TRANSISTOR	1	
R101	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R104	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R105	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R106,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R108	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R109	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R110	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R111	ERJ3RBD111	M.RESISTOR CH 1/16W 110	1	
R112	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R113	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R114,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R117	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R118,19	ERJ3RBD431	M.RESISTOR CH 1/16W 430	2	
R120	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R121,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R124	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R127	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R128	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R129	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R130-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R134	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R135	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R136	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R138	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R140	ERJ3RED274	M.RESISTOR CH 1/16W 240K	1	
R143	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R145	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R149	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R150	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R151	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R153	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R154	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R155	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R157,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R159	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R160	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R161	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R162	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R163	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R165,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R167	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R170	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R171	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R201	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R204	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R205	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R206,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R208	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R209	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R210	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R211	ERJ3RBD111	M.RESISTOR CH 1/16W 110	1	
R212	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R213	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R214,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R217	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R218,19	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R220	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R221,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R224	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R227	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R228	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R229	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R230-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R234	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R235	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R236	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R238	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R240	ERJ3RED274	M.RESISTOR CH 1/16W 240K	1	
R243	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R245	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R249	ERJ3RBD112	M.RESISTOR CH 1/16W 1.1K	1	
R250	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R251	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R253	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R254	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R255	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R257,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R259	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R260	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R261	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R262	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R263	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R265,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R267	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R268	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R270	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R271	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R301	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R304	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R305	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R306,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R308	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R309	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R310	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R311	ERJ3RBD111	M.RESISTOR CH 1/16W 110	1	
R312	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R313	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R314,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R317	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R318,19	ERJ3RBD221	M.RESISTOR CH 1/16W 220	2	
R320	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R321,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R324	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R327	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R328	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R329	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R330-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R334	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R335	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R336	ERJ3RBD201	M.RESISTOR CH 1/16W 200	1	
R338	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R340	ERJ3RED154	M.RESISTOR CH 1/16W 150K	1	
R343	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R345	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R349	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R350	ERJ3RED394	M.RESISTOR CH 1/16W 390K	1	
R351	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R353	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R354	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R355	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R357,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R359	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R360	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R361	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R362	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R363	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R364	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R365,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R367	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R370	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R373	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R374	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R401	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R402,03	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R404-09	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R410	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R413,14	EXB24V100J	COMBI.R-R 10	2	
R416	EXB24V473J	COMBI.R-R 47K	1	
R418	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R420	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R425	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R426-28	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R430,31	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R438-40	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R454,55	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R459	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R460-62	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R463-65	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	3	
R466	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R467	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R468,69	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R470	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R471	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R472,73	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R474,75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R476,77	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R479	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R481	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R482	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
TG401	EYF6CU	TEST POINT	1	
TP102	EYF6CU	TEST POINT	1	
TP202	EYF6CU	TEST POINT	1	
TP302	EYF6CU	TEST POINT	1	
■ E6	VEP89140A	MOTHER P.C.BOARD	1	(RTL)
J1	K4CD01000006	LUG TERMINAL	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
P3	VJS4064K140E	CONNECTOR (FEMALE)	1	K1KAE0A00007
P4,P5	VJS4064K080E	CONNECTOR (FEMALE)	2	
P6	VJP3810E040	CONNECTOR (MALE)	1	K1KA40A00111
P7,P8	VJS3791D040	CONNECTER (FEMALE)	2	K1MN40B00003
P9	VJP4395A012	CONNECTOR (MALE)	1	
P10	VJP4395D012	CONNECTOR (MALE)	1	
P11	VJP4395D008	CONNECTOR (MALE)	1	
P12	VJP4395C006	CONNECTOR	1	
P13	VJP4395D005	CONNECTOR (MALE)	1	
P14	K1KA08B00147	CONNECTOR (FEMALE)	1	
P15	K1KA22B00004	CONNECTOR (MALE)	1	
P16	VJS3801B020	CONNECTOR (FEMALE)	1	
R1-10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	10	
R11,12	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R13-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R17-19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
		MISCELLANEOUS		
	VGQ7134	MINI RAIL	3	
	XTB26+8G	SCREW	3	
	XYN26+K5	SCREW	1	
	XSB2+6FX	SCREW	2	
	VMP7618	MOTHER EARTH ANGLE	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E7	VEP84386A	REAR AUDIO P.C.BOARD	1	(RTL)
C4201,02	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4205	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4206	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4207	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4208	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4209,10	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4213	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4214	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4215	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4216	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4217-20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4251	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4252	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4253-55	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	3	
C4256	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C4257,58	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C4259,60	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	
C4261,62	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C4263,64	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	
C4265	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
⚠ CB4251	VSQ0563	CIRCUIT BREAKER	1	K5JDJB000012
D4201-04	MA3J14300L	DIODE	4	
D4251	RK34	DIODE	1	B0JANE000005
IC4202	NJM2068MD	IC	1	C0ABBB000031
IC4204	NJM2068MD	IC	1	C0ABBB000031
IC4251,52	B1DHGD000013	IC	2	
IC4253,54	C0JBAD000151	IC	2	
L4251	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	1	
L4252,53	VLF1151A132	COIL	2	
L4254	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	1	
L4255-57	VLF1151A132	COIL	3	
P4201	VJS3826C024	CONNECTOR (FEMALE)	1	
P4251	VJP4395C005	CONNECTOR (MALE)	1	
P4252	VJP4395D002	CONNECTOR (MALE)	1	
P4253	K1KA03A00008	CONNECTOR (MALE)	1	
P4254	K1KA02A00009	CONNECTOR (MALE)	1	
P4255	K1KA03A00008	CONNECTOR (MALE)	1	
P4256	K1KA02A00023	CONNECTOR (MALE)	1	
P4257	K1KA12A00261	CONNECTOR (MALE)	1	
P4258	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057
P4259	VJP4395C006	CONNECTOR	1	
P4260	VJP4395C003	CONNECTOR (MALE)	1	
Q4251,52	2SB1220-R	TRANSISTOR	2	
Q4253	2SD1819A-R	TRANSISTOR	1	
Q4254	2SD1821-R	TRANSISTOR	1	
Q4255	2SB1218A-R	TRANSISTOR	1	
QR4251-53	UNR521300L	TRANSISTOR	3	
R4201	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4202,03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4206-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R4209	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4210	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4211,12	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4213	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4214,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4219-21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R4222	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4223	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4224,25	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4251,52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4254-57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R4258	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4259	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4260	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4261,62	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R4263	ERJ6GEYG151	M.RESISTOR CH 1/10W 150	1	
R4264,65	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R4266,67	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4268	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4269	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4270	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4271-73	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4274-82	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
⚠ TH4251	VRT0152160	THERMISTOR	1	
		MISCELLANEOUS		
	VEE0U95	RF EARTH CABLE	1	
■ E8	VEP84385C	AUDIO LCD P.C.BOARD	1	(RTL)
B6201	BCR20H4	BUTTON BATTERY HOLDER	1	
C4001,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4003-06	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	4	F1K1C105A026
C4007-09	EEVHB1C470P	E.CAPACITOR 16V 47U	3	
C4010	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4011,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4013,14	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	2	
C4015,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4017,18	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4019	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4020	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4021	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4022	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4023	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4024	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4025-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C4101,02	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4103-06	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4107	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4108	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4110	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4111	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4112	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4113	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4114,15	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4116-19	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4120	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4121	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4123	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4124	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4125	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4126	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4127,28	EEVHP0J100	E.CAPACITOR 6.3V 10U	2	
C4129	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4130	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4131	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4132	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4133	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4134	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4135	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4136	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4137-40	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4141-44	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
C4201	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4202,03	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4204,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4206	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4207,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4209	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4210,11	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4212,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4214	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4215,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4217	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4218,19	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4220	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4221-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4225	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4226	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4227,28	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4229	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4230-33	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4234	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4235-43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	9	
C4301,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4303	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4304,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4306	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4307,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4309	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4310,11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4312	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4401	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4402,03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4404	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4405	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4406	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4407	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4408-11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4412	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4413,14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4415	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4416	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4417	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4418	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4419-23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C4501	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4502,03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4504	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4505	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4506	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4507	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4508-11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4512	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4513,14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4515	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4516	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4517	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4518	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4519-22	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4523-26	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
C4527	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4601	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4602	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4603	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4604	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4605	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4606	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4607	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4608	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4609	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4610	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4611	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4612	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4613	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4614	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4615	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4616-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C4619	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4620	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4621	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4622	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4623	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4624	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4625,26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4627	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4628	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4629	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4630	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4631	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4632	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4633	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4634	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4635	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4636	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4637	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4638	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4639	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4640	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4641	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4642	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4643-45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C4646	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4647	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4648	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4649	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4650-54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C4701	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4702	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C4703	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4704	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4705	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C4706-08	EEVHP0J100	E.CAPACITOR 6.3V 10U	3	
C4709	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4710	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4711,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4714,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4716,17	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C4718,19	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4720,21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4801,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4803	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4804,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4806	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4807,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4809,10	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C4811,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4813	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4814	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4815,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4817,18	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C4819-22	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C4823-26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C4901	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C4902	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4903	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4904	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4905	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4906	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4907,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4909	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4910	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4911	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4912,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4914,15	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C4916,17	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4918	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4919	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4920	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4921	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C4923	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C4924,25	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4926-28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C4929	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4930	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C6001	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6003,04	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	2	
C6005-07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C6008	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C6009	EEVHB1C470P	E.CAPACITOR 16V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6010,11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6012	ECJ1VC1H220J	C.CAPACITOR CH 50V 22P	1	
C6013	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6014,15	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	2	
C6016	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C6018-23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C6025,26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6028-32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C6034	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6101-03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C6202	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C6203	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6205,06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6207	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6208	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6209	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6210,11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6212	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6213-17	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C6218,19	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	
C6220,21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6223	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6501,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6510	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6511	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6512,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6514-18	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C6519	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6522-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
D4001	MA3J14300L	DIODE	1	
D4002,03	MA142WA	DIODE	2	
D4401,02	MA142K	DIODE	2	
D4501,02	MA142K	DIODE	2	
D4701	MA142WA	DIODE	1	
D4801	MA142WA	DIODE	1	
D6001,02	MA142K	DIODE	2	
D6101	BR3902S	DIODE	1	B3AAA0000432
D6102-11	B3ACB0000103	LED	10	
D6112-27	MA142WK	DIODE	16	
D6202	MA142K	DIODE	1	
D6203	MA8150-H	DIODE	1	
D6204	MA704WK	DIODE	1	
D6501,02	MA142WA	DIODE	2	
D6503-05	MAZ80680KL	DIODE	3	
DP6101	L5AAAGE00002	DISPLAY	1	
FL4901	VLF1069	FILTER	1	G4ZZ00000278
IC4001	C0JBAS000075	IC	1	
IC4002	C0ABEB000034	IC	1	
IC4003	NJM2073M	IC	1	
IC4004	C0ABEB000034	IC	1	
IC4005	NJM386M	IC	1	C1BB00000134
IC4006	TVHT541FT	IC	1	
IC4101	C0JBAS000075	IC	1	
IC4102,03	UPC5022GA144	IC	2	C1ZBZ0001311
IC4104,05	NJM2068MD	IC	2	C0ABBB000031
IC4106,07	TVHT374FT	IC	2	
IC4201	TVHT374FT	IC	1	
IC4202	THC4052FT	IC	1	
IC4203	C0ABEB000034	IC	1	
IC4204	TC4W53FU	IC	1	
IC4205	THC4052FT	IC	1	
IC4206	C0ABEB000034	IC	1	
IC4207	TC4W53FU	IC	1	
IC4208	THC4052FT	IC	1	
IC4209	C0ABEB000034	IC	1	
IC4210	TC4W53FU	IC	1	
IC4211	THC4052FT	IC	1	
IC4212	C0ABEB000034	IC	1	
IC4213	TC4W53FU	IC	1	
IC4301	C0ABEB000034	IC	1	
IC4302	C0JBAS000075	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4304	C0ABEB000034	IC	1	
IC4305	C0JBAS000075	IC	1	
IC4401	C0JBAA000261	IC	1	
IC4402	NJM2068MD	IC	1	C0ABBB000031
IC4403	C0ABBB000110	IC	1	
IC4404	TC4W53FU	IC	1	
IC4405	C0JBAA000261	IC	1	
IC4406	NJM2068MD	IC	1	C0ABBB000031
IC4407	C0ABBB000110	IC	1	
IC4408	TC4W53FU	IC	1	
IC4409	TVHT374FT	IC	1	
IC4501	C0JBAA000261	IC	1	
IC4502	C0JBAS000075	IC	1	
IC4503	NJM2068MD	IC	1	C0ABBB000031
IC4504	C0ABBB000110	IC	1	
IC4505	C0JBAA000261	IC	1	
IC4506	C0JBAS000075	IC	1	
IC4507	NJM2068MD	IC	1	C0ABBB000031
IC4508	C0ABBB000110	IC	1	
IC4509	TVHT541FT	IC	1	
IC4601,02	NJM2100MD	IC	2	
IC4603	C0FBZJ000003	IC	1	
IC4604	C0JBAS000075	IC	1	
IC4605	C0ABEB000034	IC	1	
IC4606	C0JBAZ000854	IC	1	
IC4607	C0JBAZ000279	IC	1	
IC4608,09	NJM2100MD	IC	2	
IC4610	C0FBZJ000003	IC	1	
IC4611	C0CBADD00003	IC	1	
IC4701	C0JBAS000075	IC	1	
IC4702,03	C0ABEB000034	IC	2	
IC4704	C0ABBB000124	IC	1	
IC4801	C0JBAS000075	IC	1	
IC4802,03	C0ABEB000034	IC	2	
IC4804,05	NJM4556AM	IC	2	C0ABBB000042
IC4806	THC4052FT	IC	1	
IC4901	C0JBAZ000854	IC	1	
IC4902	C0FBZH000011	IC	1	
IC4903	C0JBAS000075	IC	1	
IC4904,05	C0ABEB000034	IC	2	
IC4907	C1BB00000746	IC	1	
IC6001	C0EBE0000211	IC	1	
IC6002	TLCX04F	IC	1	
IC6003	C0JBAE000135	IC	1	
IC6004	C0JBAA000146	VHC	1	
IC6005	C0JBAE000135	IC	1	
IC6007	C0JBAH000074	IC	1	
IC6009,10	TVHT541FT	IC	2	
IC6011-13	C0JBAZ001121	IC	3	
IC6015	STK14C88N45	IC	1	C3ZAD0000015
IC6016	C0JBAN000140	IC	1	
IC6017	C0JBAE000135	IC	1	
IC6018	C1ZBZ0001318	IC	1	
IC6019	C0EBJ0000170	IC	1	
IC6101	C0JBAS000075	IC	1	
IC6102	UPD16431AGC	IC	1	C0HBA0000023
IC6202	C0BBBA000030	IC	1	
IC6203	C0CBABE00009	IC	1	
IC6204	AN77L09M	IC	1	
IC6205	C0CBADD00003	IC	1	
IC6206	C0CBABD00005	IC	1	
IC6207	XC62FP3502M	IC	1	
IC6501,02	C0JBAQ000080	IC	2	
IC6505	C0JBAZ001121	IC	1	
IC6506	TC7W08FU	IC	1	
IC6507	C0JBAB000007	IC	1	
IC6508	C0JBAZ001121	IC	1	
ID6001	VVVSI4082	SOFTWARE	1	
IP6001	C2CBKJ000058	IC	1	
J6501,02	K4CD01000006	LUG TERMINAL	2	
L6501	VLQ0319K100	COIL 10UH	1	G1C100K00023

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L6502	VLF1151A132	COIL	1	
L6503	VLF1147A241	FILTER	1	
P4301	VJP4395B006	CONNECTOR (MALE)	1	
P6501,02	VJS3801B040	CONNECTOR (FEMALE)	2	
P6503	VJP4395D010	CONNECTOR (MALE)	1	
P6504	VJP4395D003	CONNECTOR (MALE)	1	
P6505	VJP4395D005	CONNECTOR (MALE)	1	
P6506,07	VJP4395D004	CONNECTOR (MALE)	2	
P6508	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P6509	VJS3791B020	CONNECTOR (FEMALE)	1	
Q4001-04	2SD1979	TRANSISTOR	4	
Q4005	2SB1219-R	TRANSISTOR	1	
Q4101,02	2SD1819A-R	TRANSISTOR	2	
Q4103	2SD602A-S	TRANSISTOR	1	
Q4104	2SB710A-R	TRANSISTOR	1	
Q4401,02	2SD1979	TRANSISTOR	2	
Q4403	2SD1819A-R	TRANSISTOR	1	
Q4404	2SD1979	TRANSISTOR	1	
Q4405,06	2SD1819A-R	TRANSISTOR	2	
Q4407,08	2SD1979	TRANSISTOR	2	
Q4409	2SD1819A-R	TRANSISTOR	1	
Q4410	2SD1979	TRANSISTOR	1	
Q4411,12	2SD1819A-R	TRANSISTOR	2	
Q4501,02	2SD1979	TRANSISTOR	2	
Q4503	2SD1819A-R	TRANSISTOR	1	
Q4504	2SD1979	TRANSISTOR	1	
Q4505,06	2SD1819A-R	TRANSISTOR	2	
Q4507,08	2SD1979	TRANSISTOR	2	
Q4509	2SD1819A-R	TRANSISTOR	1	
Q4510	2SD1979	TRANSISTOR	1	
Q4511,12	2SD1819A-R	TRANSISTOR	2	
Q4513	2SB1218A-R	TRANSISTOR	1	
Q4514	B1DHDC000023	TRANSISTOR	1	
Q4515	B1DFEC000004	TRANSISTOR	1	
Q4516	2SD1819A-R	TRANSISTOR	1	
Q4517	2SB1218A-R	TRANSISTOR	1	
Q4701-03	2SD1979	TRANSISTOR	3	
Q4801,02	2SD1979	TRANSISTOR	2	
Q4803	B1DHDC000023	TRANSISTOR	1	
Q4804	B1DFEC000004	TRANSISTOR	1	
Q6101,02	2SD602A-S	TRANSISTOR	2	
Q6201,02	2SD968-R	TRANSISTOR	2	
Q6203	B1DHDC000023	TRANSISTOR	1	
Q6501	XN0121300L	TRANSISTOR-RESISTOR	1	
Q6502	XN0460100L	TRANSISTOR-RESISTOR	1	
Q6503	2SB1218A-R	TRANSISTOR	1	
QR4001	UNR511300L	TRANSISTOR	1	
QR4002	UNR521300L	TRANSISTOR	1	
QR4003	UNR511300L	TRANSISTOR	1	
QR4004	UNR521300L	TRANSISTOR	1	
QR4401,02	UNR511300L	TRANSISTOR	2	
QR4403,04	UNR521300L	TRANSISTOR	2	
QR4405,06	UNR511300L	TRANSISTOR	2	
QR4407,08	UNR521300L	TRANSISTOR	2	
QR4501,02	UNR511300L	TRANSISTOR	2	
QR4503,04	UNR521300L	TRANSISTOR	2	
QR4505,06	UNR511300L	TRANSISTOR	2	
QR4507-09	UNR521300L	TRANSISTOR	3	
QR4801,02	UNR521300L	TRANSISTOR	2	
QR4803	UNR511300L	TRANSISTOR	1	
QR6101,02	UNR511300L	TRANSISTOR	2	
QR6202	UNR521300L	TRANSISTOR	1	
QR6501	UNR511300L	TRANSISTOR	1	
QR6502,03	UNR521300L	TRANSISTOR	2	
QR6504	UNR511300L	TRANSISTOR	1	
QR6505	UNR521300L	TRANSISTOR	1	
QR6506	UNR511300L	TRANSISTOR	1	
QR6507,08	UNR521300L	TRANSISTOR	2	
QR6510-17	UNR521300L	TRANSISTOR	8	
R4001	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R4002	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4003	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R4004	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4005,06	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R4007	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4009,10	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R4011,12	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R4013,14	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R4015-22	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	8	
R4023,24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4025,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4027	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4028,29	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4030	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4031	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4032	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R4033	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4034	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4035-38	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	4	
R4039	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4040,41	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4042,43	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4101	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4102	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4103	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4104	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4105	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4106,07	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4108-10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R4111,12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4113	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4114,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4116	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4117	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4118-22	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R4123	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4124	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4125	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4126	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R4127	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R4128,29	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R4201	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4202	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4203	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4204	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4205	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4206	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4207	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4208	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4209	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4210	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4211	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4212	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4213	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4214	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4215	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4216	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4301	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4302	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R4303	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4304	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R4401	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4402	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4403	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R4404	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4405	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4406	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4407	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4408	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4409	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4410	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4411	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4412	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4414	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4415	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4416,17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4418	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4419	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4420	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4421	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4422	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4424	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4425	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4426	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4427	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4428	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4429	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R4430	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4431	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4432	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4433	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4434	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4435	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4436	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4437	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4438	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4439	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4440	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4441	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4442,43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4444	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4445	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4446	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4447	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4448	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4450	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4451	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4452	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4453,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4501	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4502	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4503	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R4504	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4505	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4506	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4507	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4508	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4509	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4510	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4511	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4512	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4513	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4514	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4515	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4516,17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4518	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4519	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4520	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4521	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4522	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4524	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4525	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4526	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4527	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4528	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4529	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4530	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R4531	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4532	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4533	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4534	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4535	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4536	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4537	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4538	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4539	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4540	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4541	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4542	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4543,44	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4546	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4547	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4548	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4549	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4551	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4552	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4553	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4554	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4555	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4556	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4557,58	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4559	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4560,61	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R4601-06	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4607,08	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4609-14	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4615,16	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4617	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	1	
R4618	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4619	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4620	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4621	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4622	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4623	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4624,25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4626-31	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4632,33	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4634-39	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4640,41	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4642	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	1	
R4643,44	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R4701	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4702	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4703	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R4704	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4705	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4706	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R4707	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R4708	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R4709	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4710	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4711	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4712	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4713	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4714	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R4715	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4716	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4717	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R4718	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R4719	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R4720	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4721	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4722	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4723-25	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R4726	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4727	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4728	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4729	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R4730	ERJ3RED390	M.RESISTOR CH 1/16W 39	1	
R4731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4732-38	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	7	
R4739	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R4740	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4741	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R4742	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4743,44	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4801	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4802	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4803	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4804	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4805	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4806	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4807	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4808	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4809-12	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	4	
R4813-15	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	3	
R4816	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4817	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4818	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4819	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4820,21	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R4823	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4824	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4825	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4826	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4827	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4828	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4829	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4830	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4831-34	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	4	
R4835-37	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	3	
R4838	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4839	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4840	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4841	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4842,43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4845	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R4846-48	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	3	
R4901	D1H84704A008	COMBI.R-R 47	1	
R4902	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R4903	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4904	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4905	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4906	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4907	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4908	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R4909	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4910	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4911	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4912	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4913	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4914	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4915	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4916	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4918	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4919	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4920	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4922	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4923	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R4924	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4925	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4926	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4927	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4928	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6001	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6002	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6003	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6004	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6006-08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6009-11	EXBV8V473J	COMBI.R-R 47K	3	
R6012	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6013-16	EXBV8V473J	COMBI.R-R 47K	4	
R6017	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6018,19	EXBV8V473J	COMBI.R-R 47K	2	
R6022	EXBV8V473J	COMBI.R-R 47K	1	
R6023	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6030-33	EXBV8V473J	COMBI.R-R 47K	4	
R6036	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6037	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6038,39	EXBV8V473J	COMBI.R-R 47K	2	
R6040	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6041	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6043	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6044	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6045	EXBV8V473J	COMBI.R-R 47K	1	
R6046	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6047	EXBV8V473J	COMBI.R-R 47K	1	
R6048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6050,51	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6055,56	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6057	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6101	EXBV8V473J	COMBI.R-R 47K	1	
R6102-05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R6110	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6111,12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6114	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6115	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6116	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6117	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6118-21	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R6122,23	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R6124	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6125,26	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R6127	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R6128,29	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R6130,31	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R6134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6135	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6201	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6202	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6205	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R6216	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6217,18	ERJ3GEYJ106	M.RESISTOR CH 1/16W 10M	2	
R6219	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6220	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R6221	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6222	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R6223	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R6224	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R6225	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6227-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R6501-04	EXBV8V473J	COMBI.R-R 47K	4	
R6505	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6506	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6507,08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6509,10	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6511,12	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6513	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6514-16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6517	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6518	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6520	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6521	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6522	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6523-25	EXBV8V473J	COMBI.R-R 47K	3	
R6529	EXBV8V473J	COMBI.R-R 47K	1	
R6530,31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6533	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6537	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6540	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6541-43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6546,47	EXBV8V473J	COMBI.R-R 47K	2	
R6548	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6549	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6550	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6551,52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6553	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6554	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
SW4101	VSS0367-02B	SWITCH	1	
SW4701,02	VSS0367-02B	SWITCH	2	
SW6101	K0H1BA000443	SWITCH	1	
SW6102-04	VST0335	SWITCH	3	K0H1BA000373
SW6105	VSS0186	SWITCH	1	K0D112A00047
SW6106	K0H1BA000443	SWITCH	1	
SW6107	VSS0187	SWITCH	1	K0D113A00036
SW6109	VSS0186	SWITCH	1	K0D112A00047
SW6110-12	VSS0187	SWITCH	3	K0D113A00036
SW6113	VSS0186	SWITCH	1	K0D112A00047
SW6114	K0H1BA000443	SWITCH	1	
SW6115,16	VSS0187	SWITCH	2	K0D113A00036
SW6117	VSS0186	SWITCH	1	K0D112A00047

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
SW6118,19	VSS0187	SWITCH	2	K0D113A00036
SW6501	VST0335	SWITCH	1	K0H1BA000373
SW6502	VSP1005	SWITCH	1	K0H1BA000148
TG6201	EYF6CU	TEST POINT	1	
TG6501	EYF6CU	TEST POINT	1	
TP4601-06	EYF6CU	TEST POINT	6	
TP4701-04	EYF6CU	TEST POINT	4	
TP4901-03	EYF6CU	TEST POINT	3	
TP6001	EYF6CU	TEST POINT	1	
U6201	CR2032	BATTERY	1	
VC6001	ECRJA020E12	TRIMMER 20P	1	
VR4001	VRV0300	V.RESISTOR	1	D2BCC14Y0001
VR4002	VRV0080	V.RESISTOR	1	D2BCA14A0001
VR4301,02	VRV0080	V.RESISTOR	2	D2BCA14A0001
VR4401,02	EVM7JGA00B14	V.RESISTOR 10K	2	
VR4501,02	EVM7JGA00B14	V.RESISTOR 10K	2	
VR4801,02	EVM7JGA00B14	V.RESISTOR 10K	2	
VR4902	EVM7JGA00B54	V.RESISTOR 50K	1	
X6001	H0J614400002	CRYSTAL OSCILLATOR	1	
X6002	H0J327200038	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VGL0915	BACK LIGHT BASE	1	
	VMX1144	LED SPACER	1	
■ E9	VEP23577B	CAMERA DSP P.C.BOARD	1	(RTL)
C10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C11-13	ECUX1E223KBV	C.CAPACITOR CH 25V 0.023U	3	
C14-16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C100-02	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C103	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C104	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C105	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C106	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C107	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C108,09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C111	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C112	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C114	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C115-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C120	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C122	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C123	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C124	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C125-31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C133	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C134	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C135	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C136	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C137	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C138	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C140	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C142	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C143	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C144,45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C146	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C147	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C148	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C149	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C150	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C151-53	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C154	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C155-57	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C158	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C159	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C160,61	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	2	
C162-74	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	13	
C175	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C176,77	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C178,79	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C180-83	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C184,85	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C186	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C187,88	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C189	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C190	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C191	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C192	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C201-13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	13	
C214	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C215,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C217	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C218	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C219,20	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C221	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C222-26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C250	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C251	ECST1CD686	T.CAPACITOR CH 16V 68U	1	
C252	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C255	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C256	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C257	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C258,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C260	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C261-70	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	10	
C300-03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C304	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C305-09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C310	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C311	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C312	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C313,14	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C350-52	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C353	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C354,55	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C356	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C358,59	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C361-66	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C367	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C368	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C369	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C370	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C371-76	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	6	
C401,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C403,04	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C405,06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C409	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C412,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C414,15	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C417-21	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C422,23	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C425	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C427	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C429,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C431,32	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C433,34	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C437	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C440,41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C442,43	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C445-49	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C450,51	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C453	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C455	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C500,01	ECST1CC336R	T.CAPACITOR CH 16V 33U	2	
C502	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C503	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C505	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C506,07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C508	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C509,10	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C511	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C512,13	ECST1CC336R	T.CAPACITOR CH 16V 33U	2	
C514,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C516	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C517	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C518,19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C520	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C521	ECST1AC336ZR	T.CAPACITOR CH 10V 33U	1	
C522	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C525	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C526	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C527,28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C529	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C530	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C531	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C532-34	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C536	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C538	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C541,42	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C543,44	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C546-50	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C551,52	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C554	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C556	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C557	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C558	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C600	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C601	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C604-08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C609	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C610-13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C614	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C615-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C619,20	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C621	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C624	ECST0JY226	T.CAPACITOR CH6.3V 22U	1	
C625-32	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	8	
C634	ECST0JY226	T.CAPACITOR CH6.3V 22U	1	
C635-38	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C700	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C701-20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	20	
C721	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C725-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	13	
C738	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C739-43	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C744	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C745-47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C750	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C751	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C752	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C753	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C754-63	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	10	
C764	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C765-75	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	11	
C800,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C802,03	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C804,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C806	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C807-09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C811-14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C815	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C816	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C817	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C818	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C819	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C820,21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C824	F1J0J475A006	C.CAPACITOR CH6.3V 4.7U	1	
C825,26	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C827	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C828	F1J0J475A006	C.CAPACITOR CH6.3V 4.7U	1	
C829	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C830-32	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	3	
C833,34	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C835	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C836	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C837	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C838	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C839	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C840	F1H1A184A028	C.CAPACITOR CH 10V 0.18U	1	
C841	ECUX1H183KBV	C.CAPACITOR CH 50V 0.018U	1	
C842	F1J0J475A006	C.CAPACITOR CH6.3V 4.7U	1	
C843	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	
C844-47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C849,50	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C852-54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C855	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C856	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C900	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C901	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C902,03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C904	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C907-10	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C915,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C917,18	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C919,20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C921	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C922	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C923	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C924	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C925	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C926	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C927	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C928-30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C931	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C934-38	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C939	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C940,41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C942,43	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C946,47	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C950,51	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C954,55	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
D100	MA3J14300L	DIODE	1	
D101	MA142K	DIODE	1	
D102,03	MA3J14300L	DIODE	2	
D104,05	MA8024	DIODE	2	
D201-03	MA8051-H	DIODE	3	
D204-07	MA3J14300L	DIODE	4	
D209	MA3J14300L	DIODE	1	
D300	MA3J14300L	DIODE	1	
D500-02	MA8024	DIODE	3	
FL400,01	VLF1483	FILTER	2	
FL500	VLF1483	FILTER	1	
FL800	J0E1355B0001	FILTER	1	
FL900-05	J0E1355B0001	FILTER	6	
IC10	C0JBAZ001591	IC	1	
IC11,12	C0EBB0000062	IC	2	
IC13	C0EBE0000211	IC	1	
IC14	C0JBAA000174	IC	1	
IC100	C0JBAZ001437	IC	1	
IC101,02	C0JBAZ001605	IC	2	
IC103	TC4W53FU	IC	1	
IC104	NJM082BV	IC	1	
IC105	TC4W53FU	IC	1	
IC106	NJM360M	IC	1	C0BBZB000001
IC107	TC4W53FU	IC	1	
IC108	C1AB00000234	IC	1	
IC109	C0JBAA000261	IC	1	
IC110	C0JBAA000174	IC	1	
IC111	NJM082BV	IC	1	
IC112	NJM360M	IC	1	C0BBZB000001
IC113	XC62FP3302M	IC	1	
IC114	C0JBCA000066	IC	1	
IC115	C0JBAC000310	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC116	C0JBAB000350	IC	1	
IC117	C0JBAZ001605	IC	1	
IC118	TLC272CPW	IC	1	C0ABHA000022
IC119	C0JBAM000045	IC	1	
IC120	NJM082BV	IC	1	
IC121	74HC4046MTCX	IC	1	
IC122	XC62FP3302M	IC	1	
IC123	C0JBAA000174	IC	1	
IC124	TC74HC4052AF	IC	1	
IC125	C0CBABC00061	IC	1	
IC126	NJM082BV	IC	1	
IC127	C0JBAB000422	IC	1	
IC128	C0JBAB000350	IC	1	
IC129,30	C0JBAA000261	IC	2	
IC131-33	C0JBAA000174	IC	3	
IC134	C0JBAZ001671	IC	1	
IC201	FST3253MTC	IC	1	
IC202	C0ABCA000038	IC	1	
IC203	HD64F2633TE	IC	1	
IC204	TLCX00FT	IC	1	
IC205	C0JBAA000014	IC	1	
IC206	C0JBAZ001647	IC	1	
IC207	C0JBAA000174	IC	1	
IC251	TVHT541FT	IC	1	
IC252	C0JBAA000146	VHC	1	
IC253,54	TLCX16244A	IC	2	
IC255	C3ZBF0000011	IC	1	
IC256	C3FBPG000005	IC	1	
IC257	C3BBKG000023	IC	1	
IC300	AD7896AR	IC	1	
IC301	C0JBAZ001647	IC	1	
IC302,03	C0ABBA000075	IC	2	
IC304	C0FBBG000037	IC	1	
IC305	XC62FP5002M	IC	1	
IC306	C0CBBDC00005	IC	1	
IC307	XC62FP5002M	IC	1	
IC350,51	C0JBAZ000852	IC	2	
IC352	C3BBKG000023	IC	1	
IC353	C0CBABC00060	IC	1	
IC354,55	C0FBBD000036	IC	2	
IC400,01	C0ABAB000097	IC	2	
IC402	C0ABBZ000019	IC	1	
IC403	C0FBAG000034	IC	1	
IC404,05	C0ABAB000097	IC	2	
IC406	C0ABBZ000019	IC	1	
IC407	C0FBAG000034	IC	1	
IC501,02	LM4040CIX2.5	IC	2	C0DBZFA00003
IC503	C0FBBG000037	IC	1	
IC504,05	C0ABAB000097	IC	2	
IC506	C0FBBG000037	IC	1	
IC507	C0FBAG000034	IC	1	
IC508	C0ABBZ000019	IC	1	
IC509	C0ABBA000063	IC	1	
IC510	C0ABFB000012	IC	1	
IC511,12	C0ABEB000037	IC	2	
IC513	C0JBAA000261	IC	1	
IC600	C1ZBZ0002263	IC	1	
IC601	C0JBAZ001907	IC	1	
IC602	C0JBAA000233	IC	1	
IC603-05	C3ABRG000011	IC	3	
IC606	C1ZBZ0001555	IC	1	
IC700	MB87J1220	IC	1	
IC725	C1AB00001751	IC	1	
IC726	C0CBAAC00147	IC	1	
IC750	C1ZBZ0002304	IC	1	
IC751	C3FBMD000050	IC	1	
IC800	C0JBAF000414	IC	1	
IC801	C0JBCA000066	IC	1	
IC802	TC4W53FU	IC	1	
IC803	AD8055AR	IC	1	C0ABGB000013
IC804	C0CBABD00005	IC	1	
IC805	C1AB00001712	IC	1	
IC806	C0JBAC000267	IC	1	
IC808	C3HBKG000002	IC	1	
IC900,01	AD8056AR	IC	2	C0ABBB000156

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC902	C0FBBG000036	IC	1	
IC903,04	C0CBABD00005	IC	2	
IC905	C0ZBZ0000633	IC	1	
IC906	C0FBBF000041	IC	1	
IC907	AD8055AR	IC	1	C0ABGB000013
IC908	ADV7123KST50	IC	1	C0FBBF000020
IC909-11	AD8055AR	IC	3	C0ABGB000013
ID203	VVVSI3997C	SOFTWARE	1	
ID256A	VVVSI4077A	SOFTWARE	1	
ID256B	VVVSI4078	SOFTWARE	1	
ID600	VVVSI4087A	SOFTWARE	1	
ID750	VVVSI4088C	SOFTWARE	1	
ID751	VVVSI4079	SOFTWARE	1	
J1	K4CD01000007	CABLE TERMINAL	1	
J2	K4CD01000006	LUG TERMINAL	1	
J3	K4CD01000007	CABLE TERMINAL	1	
J4	K4CD01000006	LUG TERMINAL	1	
J10	VJP4131	CONNECTOR (MALE)	1	K1QZB1AD0003
L10	VLF1151A132	COIL	1	
L11-14	J0JBC0000019	FILTER	4	
L16	J0JBC0000041	FILTER	1	
L100-02	J0JBC0000019	FILTER	3	
L103	G1C221J00003	COIL 220UH	1	
L104	G1C470J00001	COIL 47UH	1	
L105-25	J0JBC0000019	FILTER	21	
L201-06	J0JBC0000019	FILTER	6	
L250	J0JBC0000019	FILTER	1	
L254-59	J0JBC0000019	FILTER	6	
L300-05	J0JBC0000019	FILTER	6	
L306	J0JHC0000034	FILTER	1	
L350-53	J0JBC0000019	FILTER	4	
L356-59	J0JBC0000019	FILTER	4	
L400,01	J0JBC0000019	FILTER	2	
L403,04	J0JBC0000019	FILTER	2	
L500-02	J0JHC0000034	FILTER	3	
L504,05	J0JBC0000019	FILTER	2	
L507-09	J0JBC0000019	FILTER	3	
L600-04	J0JBC0000019	FILTER	5	
L605	J0JCC0000119	FILTER	1	
L700,01	J0JCC0000119	FILTER	2	
L725	J0JCC0000119	FILTER	1	
L750,51	J0JCC0000119	FILTER	2	
L752	J0JBC0000019	FILTER	1	
L800,01	J0JBC0000019	FILTER	2	
L802-04	J0JCC0000119	FILTER	3	
L806	J0JBC0000019	FILTER	1	
L807	J0JCC0000119	FILTER	1	
L900-06	J0JBC0000019	FILTER	7	
P1	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
P2	VJS3978C100A	CONNECTOR (FEMALE)	1	
P3	VJS3806E120	CONNECTOR (FEMALE)	1	K1KBC0A00019
P10	K1MN40B00022	CONNECTOR	1	
P11	VJS3791B020	CONNECTOR (FEMALE)	1	
P12	K1KA08B00147	CONNECTOR (FEMALE)	1	
P13	VJP4395D008	CONNECTOR (MALE)	1	
P14	VJP4395D014	CONNECTOR (MALE)	1	
P15	VJS3801B020	CONNECTOR (FEMALE)	1	
P16	VJP3358C012	CONNECTOR (MALE)	1	K1KA12A00138
P17	VJP3125B012	CONNECTOR (MALE)	1	
Q100,01	2SD1819A-R	TRANSISTOR	2	
Q102	2SB1218A-R	TRANSISTOR	1	
Q103,04	2SD1819A-R	TRANSISTOR	2	
Q105	2SA1532-B	TRANSISTOR	1	
Q106,07	B1DHDC000023	TRANSISTOR	2	
Q108	B1DFEC000004	TRANSISTOR	1	
Q109	2SB1218A-R	TRANSISTOR	1	
Q350-55	2SC4176	TRANSISTOR	6	B1ABDB000014
Q500	2SB1073	TRANSISTOR	1	
Q501	2SD1119-R	TRANSISTOR	1	
Q502	2SB1073	TRANSISTOR	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q800	2SD1819A-R	TRANSISTOR	1	
Q801	2SB1218A-R	TRANSISTOR	1	
Q802	B1DHDC000023	TRANSISTOR	1	
Q803	B1DFEC000004	TRANSISTOR	1	
Q804,05	2SD1819A-R	TRANSISTOR	2	
Q900	2SB1218A-R	TRANSISTOR	1	
Q901	B1DHDC000023	TRANSISTOR	1	
Q902	B1DFEC000004	TRANSISTOR	1	
QR100,01	UNR521300L	TRANSISTOR	2	
QR300-02	UNR521300L	TRANSISTOR	3	
QR800	UN5217	TRANSISTOR-RESISTOR	1	
QR900	UNR521300L	TRANSISTOR	1	
R1	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4,R5	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6-R9	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R11	EXBV8V473J	COMBI.R-R 47K	1	
R12,13	EXBV8V101J	COMBI.R-R 100	2	
R15,16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R17	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R18,19	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R20-22	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R23	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R25	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R26-29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R34	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R35	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R36	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R37	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R38	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R39	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R40	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R41	EXBV8V473J	COMBI.R-R 47K	1	
R43	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R44	EXBV8V473J	COMBI.R-R 47K	1	
R45-48	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	4	
R49,50	EXBV8V101J	COMBI.R-R 100	2	
R51	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R52	EXBV8V473J	COMBI.R-R 47K	1	
R60	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R63,64	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R66	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R67-70	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	4	
R72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R73	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R76	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R77	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R78,79	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R80	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R81,82	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R84,85	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R86	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R87	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R88	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R89,90	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R91	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R92	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R93	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R94,95	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R96	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R97	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R99	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R101	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R102	ERJ3RED184	M.RESISTOR CH 1/16W 180K	1	
R103	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R104	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R106	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R107,08	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	2	
R109-11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R112	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R113	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R123	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R124	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R125	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R126	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R129	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R130	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R132	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R134	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R136	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R137	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R138	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R139	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R140	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R141	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R143	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R144	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R145	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R147	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R148	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R149	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R150	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R151	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
⚠ R152	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R153-56	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	4	
R157	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R159	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R160	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R161	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R162	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R163,64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R165	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R166	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R167-80	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	14	
R181	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R184	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R185	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R202	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R203-06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R207	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R210	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R211	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R212-14	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	3	
R216	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R217-19	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	3	
R222,23	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R224	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R226,27	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R228	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R230,31	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R232	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R233,34	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R235-38	ERJ3RBD101	M.RESISTOR CH 1/16W 100	4	
R239-43	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	5	
R245-47	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R248,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R250	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
R251	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R253,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R255	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R256,57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R258	EXBV8V473J	COMBI.R-R 47K	1	
R259	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R260	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R261	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R262	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R272,73	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R276	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R278-82	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R283	EXBV8V473J	COMBI.R-R 47K	1	
R284,85	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R286-91	D1H84704A008	COMBI.R-R 47	6	
R292	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R293,94	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R300,01	EXBV8V473J	COMBI.R-R 47K	2	
R302	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R303	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R304	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R305,06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R307	D1H8R0040001	COMBI.R-R 0	1	
R308	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R309-13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R314-16	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	3	
R317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R318	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R322	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R323-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	10	
R350	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R351	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R352-55	EXBV8V101J	COMBI.R-R 100	4	
R359-62	EXBV8V473J	COMBI.R-R 47K	4	
R363,64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R365,66	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	2	
R367,68	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R369-72	ERJ3RBD511	M.RESISTOR CH 1/16W 510	4	
R373-78	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	6	
R379	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R380-82	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	3	
R383,84	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R385-90	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	6	
R391-96	ERJ3RBD101	M.RESISTOR CH 1/16W 100	6	
R401,02	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R404,05	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R406	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R407	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R408	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R409	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R410	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R411	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R412	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R414	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R415	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R416	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R418-22	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R424-26	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R427,28	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R429	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R430	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R431-33	D1H84704A008	COMBI.R-R 47	3	
R435,36	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R438,39	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R440	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R441	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R442	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R443	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R444	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R445	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R446	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R448	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R449	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R450	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R452-56	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R458-60	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R461,62	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R463	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R464	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R465-67	D1H84704A008	COMBI.R-R 47	3	
R469	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R471	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R500	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R501	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R502	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R503	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R504,05	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R507	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R508	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R509	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R510,11	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	2	
R512,13	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R514,15	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R516,17	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	2	
R520	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R522	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R524	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R525	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R526	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R527	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R528	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R529	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R534	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R535	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R536	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R537	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R538	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R539	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R540	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R541	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R542	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R543	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R544	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R545	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R546	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R547	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R549	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R551	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R553	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R554	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R556	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R557	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R558	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R561-65	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R567-69	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R570,71	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R572	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R573	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R574-76	D1H84704A008	COMBI.R-R 47	3	
R577,78	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R580	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R581	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R585	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R600	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R602	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R603,04	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R605-07	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R610-14	D1H84704A008	COMBI.R-R 47	5	
R615,16	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R617,18	D1H84704A008	COMBI.R-R 47	2	
R619	EXBV8V473J	COMBI.R-R 47K	1	
R620-25	D1H84704A008	COMBI.R-R 47	6	
R626,27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R628,29	D1H84704A008	COMBI.R-R 47	2	
R630	EXBV8V473J	COMBI.R-R 47K	1	
R631	D1H84704A008	COMBI.R-R 47	1	
R632,33	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R634-40	D1H84704A008	COMBI.R-R 47	7	
R641	EXBV8V473J	COMBI.R-R 47K	1	
R642	D1H84704A008	COMBI.R-R 47	1	
R643-45	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R647,48	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R649,50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R651,52	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R653	EXBV8V102J	COMBI.R-R 1K	1	
R654	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R700,01	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R704	EXBV8V102J	COMBI.R-R 1K	1	
R705	EXBV8V473J	COMBI.R-R 47K	1	
R706	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R707	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R709	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R710	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R712-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R718,19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R726	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R727-30	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	4	
R731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R732	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R733	EXBV8V102J	COMBI.R-R 1K	1	
R750-52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R755-58	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R779	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R800	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R801	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R803	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R804	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R805	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R806	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R807	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R808	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R809	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R810	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R811,12	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	2	
R813	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R814	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R816	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R819	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R820	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R821,22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R823	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R824	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R825	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R828	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R829,30	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R832	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R833	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R834	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R835	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R836	ERJ3GEYJ565	M.RESISTOR CH 1/16W 5.6M	1	
R837	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
R838	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R839	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R841	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R842	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R843	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R844	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R846,47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R849	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R852	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R900-03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R904	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R905	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R906	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R907	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R908	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R909	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R910	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R911	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R912-15	ERJ3RED270	M.RESISTOR CH 1/16W 27	4	
R916-19	ERJ3RBD331	M.RESISTOR CH 1/16W 330	4	
R920-23	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R924,25	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R926,27	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	2	
R928,29	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R932	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R935-37	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R938-43	ERJ3RBD151	M.RESISTOR CH 1/16W 150	6	
R944	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R945	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R946	ERJ3RED620	M.RESISTOR CH 1/16W 62	1	
R947	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R948	ERJ3RED820	M.RESISTOR CH 1/16W 82	1	
R949	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R950	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R951	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R953	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R954	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R955	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R956,57	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R958	ERJ3RED620	M.RESISTOR CH 1/16W 62	1	
R959	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R960,61	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R962-64	ERJ3RED820	M.RESISTOR CH 1/16W 82	3	
R965	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R966	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R967-69	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R970	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R971	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R972	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R974	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R975	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R976	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R977,78	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R979	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R980	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R981	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R983	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R984	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R985	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R987,88	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R989	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R990	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R991	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R993	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R994	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R995	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R997,98	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
SW201	VSS0342	SWITCH	1	K0D112B00056
SW300	VSS0367-04B	SWITCH	1	
TG1,G2	EYF6CU	TEST POINT	2	
TP100,01	EYF6CU	TEST POINT	2	
TP110	EYF6CU	TEST POINT	1	
TP201,02	EYF6CU	TEST POINT	2	
TP400,01	EYF6CU	TEST POINT	2	
TP500	EYF6CU	TEST POINT	1	
TP716,17	EYF6CU	TEST POINT	2	
VR900,01	VRV0303B201	V.RESISTOR 200	2	
X100	H1C2865B0004	CRYSTAL OSCILLATOR	1	
X101	H1D2705B0001	CRYSTAL OSCILLATOR	1	
X102	H1C3605B0001	CRYSTAL OSCILLATOR	1	
X201	VSX0821	CRYSTAL OSCILLATOR	1	H0J160500014
X800	H1C2705B0014	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC5521	DSP SHIELD CASE	1	
	VSC5522	DSP SHIELD PLATE	1	
■ E10	VEP83606B	VTR CODEC P.C.BOARD	1	(RTL)
C3002	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3004,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3007-09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C3012	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C3013,14	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C3017	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C3018-23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C3024,25	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C3026,27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3028	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C3029-41	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	13	
C3042	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C3043	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3044-61	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	18	
C3062	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C3063	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C3064-72	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	9	
C3089-93	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
FL3001	J0HAAC000013	FILTER	1	
IC3002	C0CBADD00003	IC	1	
IC3003	TC7W241FU	IC	1	
IC3004	C0JBAA000261	IC	1	
IC3005	C0JBAA000146	VHC	1	
IC3006	C0JBAA000174	IC	1	
IC3007,08	C0JBAA000261	IC	2	
IC3009	C0ZBZ0000363	IC	1	
IC3010,11	C0JBAZ001907	IC	2	
IC3012,13	C0JBAA000261	IC	2	
IC3014	C0JBAA000174	IC	1	
IC3015,16	C0JBAZ001591	IC	2	
IC3017,18	C0JBAA000261	IC	2	
IC3019,20	C0JBAZ001591	IC	2	
IC3021,22	C0JBAA000261	IC	2	
IC3023	C3ABQG000045	IC	1	
IC3024	C1ZBZ0002144	IC	1	
IC3025	C0CBAAD00023	IC	1	
IC3026	MS51V8221-3G	IC	1	
IC3027	MN673797A	IC	1	
IC3031	C1ZBZ0001454	IC	1	
ID3024	VVVSI4090	SOFTWARE	1	
L3001	VLF1151A132	COIL	1	
L3002-20	J0JCC0000119	FILTER	19	
L3021-36	VLF1147A680	FILTER	16	
P3001	VJP3808E120	CONNECTOR (MALE)	1	K1KAC0A00012
P3002	VJP3125B012	CONNECTOR (MALE)	1	
R3001-03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R3004	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3008,09	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3010,11	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3012	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3013-17	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3019,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3023	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3024	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R3025	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R3026-29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3030,31	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3032-34	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3035,36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3038	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3039-43	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3050	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3052	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3053	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3055	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3056	D1H847240002	COMBI.R-R 4.7K	1	
R3057	EXB24V103J	COMBI.R-R 10K	1	
R3058,59	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3060	EXB24V473J	COMBI.R-R 47K	1	
R3061,62	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3063,64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3065,66	EXBV8V101J	COMBI.R-R 100	2	
R3067-69	EXB24V473J	COMBI.R-R 47K	3	
R3070,71	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3072,73	D1H847240002	COMBI.R-R 4.7K	2	
R3074,75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3095	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3100	ERDS2TJ102	C.RESISTOR 1/4W 1K	1	
SW3001	VSS0367-04B	SWITCH	1	
TG3007	EYF6CU	TEST POINT	1	
TP3035,36	EYF6CU	TEST POINT	2	
		MISCELLANEOUS		
	XYN26+J4	SCREW	4	
	VMS6135	P.C.B. POST (26SP-6)	4	
■ E11	VEP86332C	ECC SYSCON P.C.BOARD	1	(RTL)
C1-C6	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C7,C8	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C9-11	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C12-19	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	8	
C3002,03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3005	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1	
C3006	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3007	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C3008	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C3009	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1	
C3010	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3011	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C3012	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C3013	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C3014-20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	7	
C3021	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3022-27	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C3029,30	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3031	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3102-04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C3107,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3109	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C3110	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C3111	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C3112-15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C3116	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3118-29	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	12	
C3130	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3201-09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	9	
C3210	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3211-14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C3501-04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C3506-08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C3511,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C3514-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C6002	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6005	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6006-08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C6009	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6010	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C6011	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6012-37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	26	
C6038	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6039-42	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C6043	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6044	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6045	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6046	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C6047,48	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6201-05	VCK0152	C.CAPACITOR	5	F1L1C1060016
C6206,07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C6208	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6209	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6210	VCK0152	C.CAPACITOR	1	F1L1C1060016

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6211	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C6212	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C6213	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C6214	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C6215	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6216	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6217-24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	8	
D6001	MA3J14300L	DIODE	1	
D6003-07	MA3J14300L	DIODE	5	
D6008-11	MA142K	DIODE	4	
D6012	MA3J14300L	DIODE	1	
D6013	MA142K	DIODE	1	
D6201-04	MA3X15700L	DIODE	4	
IC1	C0JBAZ001591	IC	1	
IC3002,03	C1ZBZ0001555	IC	2	
IC3004	C0JBAA000261	IC	1	
IC3101	C1AB00001590	IC	1	
IC3102	C3ABRG000011	IC	1	
IC3103	C0JBAB000230	IC	1	
IC3104	C0JBAB000350	IC	1	
IC3105	C0JBAA000261	IC	1	
IC3202	C0JBAZ001958	IC	1	
IC3501	C0JBAA000319	IC	1	
IC3502	C0JBAA000146	VHC	1	
IC3503,04	C0JBAZ001529	IC	2	
IC3507	C0JBAZ001529	IC	1	
IC3508,09	C0JBAA000253	IC	2	
IC3512	C0JBAA000253	IC	1	
IC3514	C0JBAA000174	IC	1	
IC3515-17	C0JBAZ001605	IC	3	
IC3518	C0JBAA000253	IC	1	
IC6001	C0JBAZ001605	IC	1	
IC6002	C0ABBA000071	IC	1	
IC6003	C0JBAA000174	IC	1	
IC6004	C0EBC0000070	IC	1	
IC6005	C0EBH0000241	IC	1	
IC6006	C0EBE0000211	IC	1	
IC6007	C0JBAB000350	IC	1	
IC6008,09	C0JBAZ001605	IC	2	
IC6201	C1AB00000936	IC	1	
IC6202	TA75W558FU	IC	1	C0ABBA000042
IC6203	C0BBBB000006	IC	1	
IC6204	NJM2068MD	IC	1	C0ABBB000031
IC6205	TA75W558FU	IC	1	C0ABBA000042
IC6206	C0JBAZ000279	IC	1	
ID3002	VVVSI4092A	SOFTWARE	1	
ID3201	VVVSI4010A	SOFTWARE	1	
ID6001A	VVVSI3889	SOFTWARE	1	
ID6001	VVVSI4081C	SOFTWARE	1	
IP3001	C1ZBZ0001884	IC	1	
IP3201	C1ZBZ0002212	IC	1	
IP6001	C2DBLK000001	IC	1	
L1	J0JKC0000009	FILTER	1	
L2-L6	G1C6R8M00001	COIL 6.8UH	5	
L3001-04	J0JKC0000009	FILTER	4	
L3102,03	J0JKC0000009	FILTER	2	
L3104	J0JCC0000119	FILTER	1	
L3201,02	J0JKC0000009	FILTER	2	
L3501-04	J0JCC0000119	FILTER	4	
L3507,08	J0JCC0000119	FILTER	2	
L3511,12	J0JCC0000119	FILTER	2	
L3514-18	J0JCC0000119	FILTER	5	
L6001-03	G1C470J00001	COIL 47UH	3	
L6004	J0JKC0000009	FILTER	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2,P3	VJS3791B050	CONNECTOR (FEMALE)	2	
P4	K1MME4B00013	CONNECTOR	1	
P5	VJP3125B010	CONNECTOR (MALE)	1	K1KA10B00136
P6,P7	K1KA08B00147	CONNECTOR (FEMALE)	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P6001	K1KA10A00303	CONNECTOR (MALE)	1	
P6002	VJS3791B020	CONNECTOR (FEMALE)	1	
QR6001,02	UNR521300L	TRANSISTOR	2	
QR6003-07	UNR511500L	TRANSISTOR	5	
QR6008,09	UN5215	TRANSISTOR-RESISTOR	2	
QR6010,11	UNR521300L	TRANSISTOR	2	
QR6012	UNR521400L	TRANSISTOR-RESISTOR	1	
QR6013	UNR511400L	TRANSISTOR-RESISTOR	1	
QR6014	UNR521300L	TRANSISTOR	1	
R1-R5	EXB24V100J	COMBI.R-R 10	5	
R6-R8	D1H810040003	COMBI.R-R 10	3	
R9,10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R11-13	D1H810040003	COMBI.R-R 10	3	
R14,15	EXB24V100J	COMBI.R-R 10	2	
R16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R17-19	EXB24V100J	COMBI.R-R 10	3	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R25	EXBV8V102J	COMBI.R-R 1K	1	
R26-30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R31-33	EXB24V100J	COMBI.R-R 10	3	
R34	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R35	EXB24V100J	COMBI.R-R 10	1	
R36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R37,38	EXB24V100J	COMBI.R-R 10	2	
R39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R41,42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R43,44	EXB24V100J	COMBI.R-R 10	2	
R45	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3005-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3009-12	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3015	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3017,18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3020-23	EXBV8V473J	COMBI.R-R 47K	4	
R3024	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3026-28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3030,31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3034	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3035	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3036,37	EXBV8V101J	COMBI.R-R 100	2	
R3038	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3039,40	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3044	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3045	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3046,47	EXBV8V473J	COMBI.R-R 47K	2	
R3048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3050-52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R3053-55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R3058,59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3062-65	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3101	D1H833040002	COMBI.R-R 33	1	
R3102-04	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R3105,06	D1H833040002	COMBI.R-R 33	2	
R3107	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3108	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3109	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R3110-12	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3114	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3115-17	D1H822140001	COMBI.R-R 210K	3	
R3118	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3119	D1H822140001	COMBI.R-R 210K	1	
R3120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3121-25	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3127	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3129	EXBV8V473J	COMBI.R-R 47K	1	
R3130	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3131,32	EXBV8V473J	COMBI.R-R 47K	2	
R3133	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3134	EXBV8V101J	COMBI.R-R 100	1	
R3135,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3137	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3141-44	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	4	
R3145-49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3150-54	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	5	
R3155-59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3160-64	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	5	
R3165-69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3172	D1H833040002	COMBI.R-R 33	1	
R3173	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3175	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3201,02	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3203	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3205	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3206-09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3321	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3502	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3503	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3506	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3512	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3514,15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3518-20	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3522	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3535,36	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3538-41	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3546,47	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3559,60	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3562	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3563-71	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	9	
R6001	EXBV8V473J	COMBI.R-R 47K	1	
R6002	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6003	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6004	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6005	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6007	EXBV8V473J	COMBI.R-R 47K	1	
R6009	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6010	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6011	EXBV8V473J	COMBI.R-R 47K	1	
R6012	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6013	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6014,15	EXBV8V473J	COMBI.R-R 47K	2	
R6016	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6017,18	EXBV8V473J	COMBI.R-R 47K	2	
R6019	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6020	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6021	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6022	EXBV8V473J	COMBI.R-R 47K	1	
R6023	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6024	EXBV8V473J	COMBI.R-R 47K	1	
R6025	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6031,32	EXBV8V102J	COMBI.R-R 1K	2	
R6033	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R6034,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6036-44	D1H833040002	COMBI.R-R 33	9	
R6045,46	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6047	EXBV8V473J	COMBI.R-R 47K	1	
R6048	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R6049	EXBV8V473J	COMBI.R-R 47K	1	
R6050	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R6051,52	EXBV8V473J	COMBI.R-R 47K	2	
R6053-64	EXBV8V101J	COMBI.R-R 100	12	
R6065	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6066,67	EXBV8V473J	COMBI.R-R 47K	2	
R6068	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6070	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6071	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6072	D0GZ103J0001	M.RESISTOR CH 10K	1	
R6073	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6074	D1H833040002	COMBI.R-R 33	1	
R6075	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R6076-81	EXBV8V101J	COMBI.R-R 100	6	
R6082	EXBV8V102J	COMBI.R-R 1K	1	
R6084	EXBV8V101J	COMBI.R-R 100	1	
R6085	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6086	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6087	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6088,89	EXBV8V101J	COMBI.R-R 100	2	
R6090	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6092	EXBV8V102J	COMBI.R-R 1K	1	
R6093	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6094	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6095	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6096	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6097	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6098	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6099,00	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R6101,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6105,06	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R6107	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6108	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6109-13	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	5	D0GD121JA003
R6114	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6115-17	D1H84704A008	COMBI.R-R 47	3	
R6118,19	EXBV8V473J	COMBI.R-R 47K	2	
R6120	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6121	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6122	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6123	EXB24V220J	COMBI.R-R 22	1	
R6124-26	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R6127	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6201	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6202	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6203	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6204	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6205	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R6206	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6207	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6208,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R6210	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R6211	ERJ3RED824	M.RESISTOR CH 1/16W 820K	1	
R6212	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6213	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6214	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6215,16	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R6217	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R6218	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6219	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6220,21	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R6222	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R6223	ERJ3RED824	M.RESISTOR CH 1/16W 820K	1	
R6224	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6225,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R6227	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6228,29	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R6230	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R6231	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R6232	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R6233	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R6234	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6235	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6236	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R6237,38	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	2	
R6239,40	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	2	
R6241,42	ERJ3RED470	M.RESISTOR CH 1/16W 47	2	
R6243-45	EXBV8V473J	COMBI.R-R 47K	3	
R6246,47	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6248-58	EXBV8V473J	COMBI.R-R 47K	11	
R6259,60	EXBV8V101J	COMBI.R-R 100	2	
R6261,62	EXBV8V473J	COMBI.R-R 47K	2	
SW6001,02	VSS0367-04B	SWITCH	2	
TG1,G2	EYF6CU	TEST POINT	2	
TG3201	EYF6CU	TEST POINT	1	
TG6001,02	EYF6CU	TEST POINT	2	
TP3001	EYF6CU	TEST POINT	1	
TP3045	EYF6CU	TEST POINT	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP3084-86	EYF6CU	TEST POINT	3	
TP3101	EYF6CU	TEST POINT	1	
TP3107-09	EYF6CU	TEST POINT	3	
TP3201-03	EYF6CU	TEST POINT	3	
TP3207	EYF6CU	TEST POINT	1	
TP3501	EYF6CU	TEST POINT	1	
X3101	H0J417500002	CRYSTAL OSCILLATOR	1	
X6001	H0J921400004	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP7594	VTR P.C.B. HOLDER ANGLE	2	
	VMP7595	ECC P.C.B. HOLDER ANGLE	2	
	VHD0325	SCREW	2	
	XWGV4Z9G	WASHER	2	
	XYN26+J6	SCREW	2	
	XSB2+6FX	SCREW	2	
■ E12	VEP84388A	CUE P.C.BOARD	1	(RTL)
C1000	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1001	F1H1A105A028	C.CAPACITOR CH 10V 1U	1	
C1002	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1003	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1004	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1005,06	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C1007	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1008	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1009	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C1010	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1012	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1013	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1014	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C1016	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1018	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1019	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1020	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C1021	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1022	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1026,27	F2H1C8200001	E.CAPACITOR CH 16V 82U	2	
C1028	EEUFC1J680	E.CAPACITOR 63V 68U	1	
C4000	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4001,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4003	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C4004	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4005	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C4006	ECHS1H102JZ	P.CAPACITOR 50V 1000P	1	
C4007	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4008	VCF2JAB332J	P.CAPACITOR 630V 3300P	1	
C4009	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C4010	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4011	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4012	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C4013,14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4015	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4016	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C4017	VCC0030	C.CAPACITOR	1	
C4018	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4019	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C4020	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4021	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4022	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
D1000	MA142WK	DIODE	1	
D1001	NSQ03A04	DIODE	1	B0JCPE000013
D1002,03	MAZ80680KL	DIODE	2	
D1004	MA142WK	DIODE	1	
D1005	SFPB-76V	DIODE	1	
D1006	U1GU44	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1007,08	SFPB-76V	DIODE	2	
D1009,10	MAZ80680KL	DIODE	2	
D1011-14	MA8100-M	DIODE	4	
D1015-17	MAZ80680KL	DIODE	3	
D1018	MA142WA	DIODE	1	
D4000	MA142WA	DIODE	1	
FL4000	G2A193C00001	COIL	1	
IC1000	BA9743AFV	IC	1	C0DBAZC00010
IC4000	C0ABBB000110	IC	1	
L1000,01	J0JBC0000019	FILTER	2	
L1002	G1A100G00006	COIL 10UH	1	
L1003	J0JKC0000009	FILTER	1	
L1004	VLQ0859M330	COIL 33UH	1	
L1005,06	G1A100G00006	COIL 10UH	2	
L1007	J0JKC0000009	FILTER	1	
L4000	VLQ0319K100	COIL 10UH	1	G1C100K00023
L4001	VLQ0423J472	COIL 4700UH	1	
P1003	VJP3125B009	CONNECTOR (MALE)	1	K1KA09B00055
P1004	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057
Q1000	XN0440100L	TRANSISTOR	1	
Q1001	2SD1820A-R	TRANSISTOR	1	
Q1002	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1003	B1DHEG000002	TRANSISTOR	1	
Q1004	XN0440100L	TRANSISTOR	1	
Q1005	2SD1820A-R	TRANSISTOR	1	
Q1006	2SB1219A	TRANSISTOR	1	
Q1007	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1008	2SK1059-Z	TRANSISTOR	1	B1DFDG000001
Q1009	2SD1820A-R	TRANSISTOR	1	
Q4000	2SB779-R	TRANSISTOR	1	
Q4001	2SD1819A-R	TRANSISTOR	1	
Q4002	2SD874-R	TRANSISTOR	1	
Q4003	2SD1979	TRANSISTOR	1	
Q4004	2SB1220-R	TRANSISTOR	1	
Q4005,06	2SD1821-R	TRANSISTOR	2	
Q4007,08	2SD1979	TRANSISTOR	2	
QR1000	UNR521100L	TRANSISTOR	1	
QR1001	UNR511200L	TRANSISTOR	1	
QR1002,03	UNR521100L	TRANSISTOR	2	
QR1005	UNR511100L	TRANSISTOR	1	
QR4000-05	UNR511300L	TRANSISTOR	6	
R1000	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1001	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1002	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1003	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1004-07	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	4	
R1008,09	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R1010	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R1011	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1012,13	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1014	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R1015	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R1016	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1017	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1018	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R1019,20	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	2	
R1021	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1022	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1023	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	
R1024	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1025	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1026	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1027	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1028	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1029	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1030	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1031	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1032	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1033	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1034	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1035	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1036	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1037	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1038	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1039	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1040	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1041	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1042	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1043	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1045	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1049,50	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1053,54	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R4000	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4001	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4002	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4003	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R4004	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R4005	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4006	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4007	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4008	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4009	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4010	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4012	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R4013	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4014	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R4015,16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R4017	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4019	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4020	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4021,22	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R4023	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R4024	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R4025	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R4026	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4027	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4028	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4029	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4030,31	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
T1000	G5D1A0000028	TRANSFORMER	1	
T4000	VLT0729	TRANSFORMER	1	G4ZZ00000358
TP4000-04	EYF6CU	TEST POINT	5	
VR4000	VRV0161B503	V.RESISTOR 50K	1	
VR4001	VRV0161B103	V.RESISTOR 10K	1	
■ E13	VEP85211A	RF EQ P.C.BOARD	1	(RTL)
C5	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C7	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C9-11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C15-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C101	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C102	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C103	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C105	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C106-08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C109	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C110	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C111-13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C114	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	1	
C115,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C121	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C122-42	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	21	
C144	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C201,02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C204-06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C207	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C208	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C209-11	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C212	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	1	
C213,14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C215	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C216	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C219	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C220-38	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	19	
C350	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C352	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C353	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C354	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C355	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C356	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C357	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C358	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C359	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C360	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C362	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C364	ECJ1VC1H270J	C.CAPACITOR CH 50V 27P	1	
C365	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C366	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C367	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C368	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C369	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C370	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C371	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C372	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C390	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C394	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C450-52	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C500	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C504	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C506	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C732	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C800	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C801	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C802,03	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C804	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C805,06	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C807	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C808,09	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C810	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C811,12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C813	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C814,15	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C816	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C817	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C818	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C819	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C820	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C821,22	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C823	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C824,25	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C826	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C827,28	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C829	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C830,31	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C832	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C833,34	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C835	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C836-38	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C841	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C842	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C843-45	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C846-48	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	3	
C850	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
D1,D2	MA132A	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D350	MA132A	DIODE	1	
D500	MA132A	DIODE	1	
FL800,01	J0HAAC000013	FILTER	2	
IC1	C0JBAB000350	IC	1	
IC2	C0JBAA000261	IC	1	
IC3	C0JBAC000267	IC	1	
IC4	C0JBAE000238	IC	1	
IC5	C0JBAZ001867	IC	1	
IC6	C0JBAA000261	IC	1	
IC7	C0JBAZ001492	IC	1	
IC9	C0JBAZ001492	IC	1	
IC11	C0JBAZ001591	IC	1	
IC13,14	C0JBCA000066	IC	2	
IC17	THC4052FT	IC	1	
IC18	C0JBAA000315	IC	1	
IC19,20	C0JBCA000066	IC	2	
IC21	C0JBAB000350	IC	1	
IC100	MN673798	IC	1	
IC101	C0ABBB000158	IC	1	
IC102	C0JBAZ001867	IC	1	
IC103	C0ABEB000023	IC	1	
IC104	C0JBAF000379	IC	1	
IC105	C0JBAZ001867	IC	1	
IC200	MN673798	IC	1	
IC201	C0ABBB000158	IC	1	
IC202	C0JBAZ001867	IC	1	
IC350,51	TC7W53F	IC	2	
IC450	M62370GP	IC	1	C0FBBD000082
IC451	C0JBAS000075	IC	1	
IC453	C0JBAS000075	IC	1	
IC503	C0EBC0000070	IC	1	
IC504	C0JBAB000379	IC	1	
IC709	TC7W53F	IC	1	
IC800	C0CBADD00003	IC	1	
IC801	LT1175CS8	IC	1	
IC802,03	XC62FP3002P	IC	2	
IC806	C0CBABC00060	IC	1	
IC807	C0CBABD00005	IC	1	
J850-53	K4CD01000006	LUG TERMINAL	4	
L351	G1CR15J00002	COIL 0.15UH	1	
L352,53	VLQ0163JR33	COIL 0.33UH	2	G1CR33J00002
L354	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L356	G1CR15J00002	COIL 0.15UH	1	
L357,58	VLQ0163JR33	COIL 0.33UH	2	G1CR33J00002
L359	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L800	VLQ0319K100	COIL 10UH	1	G1C100K00023
L801	G1C6R8M00001	COIL 6.8UH	1	
L802	VLQ0133J100	COIL 10UH	1	
P1	VJS3978A080A	CONNECTOR (FEMALE)	1	
P2	VJP4395D012	CONNECTOR (MALE)	1	
P3,P4	VJS3791B050	CONNECTOR (FEMALE)	2	
P5,P6	VJS3801B050	CONNECTOR (FEMALE)	2	
Q1	2SA1532-B	TRANSISTOR	1	
Q100	XP6501	TRANSISTOR-RESISTOR	1	
Q200	XP6501	TRANSISTOR-RESISTOR	1	
Q351	2SA1532-B	TRANSISTOR	1	
Q352	2SC3930	TRANSISTOR	1	
Q355	2SA1532-B	TRANSISTOR	1	
Q356	2SC3930	TRANSISTOR	1	
Q366,67	2SA1532-B	TRANSISTOR	2	
Q800-03	2SB1218A-R	TRANSISTOR	4	
Q807	2SB1218A-R	TRANSISTOR	1	
Q850	B1DHDC000023	TRANSISTOR	1	
QR500-03	UNR521300L	TRANSISTOR	4	
QR700	UNR521300L	TRANSISTOR	1	
QR800-04	UNR521300L	TRANSISTOR	5	
QR850	UNR521300L	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2-R4	EXBV8V473J	COMBI.R-R 47K	3	
R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6	EXBV8V473J	COMBI.R-R 47K	1	
R7	D0GZ103J0001	M.RESISTOR CH 10K	1	
R8,R9	EXB24V105J	COMBI.R-R 1M	2	
R12,13	EXB24V105J	COMBI.R-R 1M	2	
R14	EXBV8V473J	COMBI.R-R 47K	1	
R16	EXBV8V473J	COMBI.R-R 47K	1	
R18	EXBV8V473J	COMBI.R-R 47K	1	
R20,21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R22	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R24	EXB24V105J	COMBI.R-R 1M	1	
R28-38	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	11	
R39	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R40	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R101	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R103	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R104-07	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	4	
R108	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R109	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R110	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R111	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R112	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R114	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R115	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R116	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R117	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R118,19	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R120,21	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R122	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R123	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R124	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R125	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R128,29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R130	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R131	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R132	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R133	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R134,35	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R136	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R141	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R142	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R143,44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R146,47	D1H83304A013	COMBI.R-R 300K	2	
R148,49	EXB24V220J	COMBI.R-R 22	2	
R151,52	EXBV8V102J	COMBI.R-R 1K	2	
R153	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R155	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R156	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R157	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R158	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R159	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R160	ERJ3GEYJ242	M.RESISTOR CH 1/16W 2.4K	1	
R161	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R162	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R164	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R165-67	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R200	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R201	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R203	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R204,05	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R206	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R207	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R208	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R209	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R210	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R211	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R212	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R213,14	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R215,16	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R217	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R218	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R219	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R220	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R223,24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R226	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R227	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R231	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R232	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R233	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R234,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R237,38	D1H83304A013	COMBI.R-R 300K	2	
R239,40	EXB24V220J	COMBI.R-R 22	2	
R242	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R293	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R294	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R351,52	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R356	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R357	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R358	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R359	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R360	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R361	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R363	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R364,65	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R372,73	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R377	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R378	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R379	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R380	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R381	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R382	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R384	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R385	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R402	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R427,28	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R429	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R451	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R453,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R456	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R458-60	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R461-63	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R464,65	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R505	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R511	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R512	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R536-39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R758	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R760	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R761	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R800	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R802	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R805	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R806	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R807	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R808	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R809	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R810	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R811	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R812	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R814	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R815	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R816	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R817	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R818	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R819,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R850	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R851	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
TG500	EYF6CU	TEST POINT	1	
TG600	EYF6CU	TEST POINT	1	
TG800	EYF6CU	TEST POINT	1	
TP100	EYF6CU	TEST POINT	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E14	VEP82248C	SERVO P.C.BOARD	1	(RTL)
C1	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C2	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C5	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C6,C7	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C8	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C9	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C10,11	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C12	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C100	ECUX1E223KBV	C.CAPACITOR CH 25V 0.023U	1	
C101-04	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	4	
C105	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C106	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C107,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C109,10	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C111-13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C115,16	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C117	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C118-22	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	5	
C123,24	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C125	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C126	EEAHB1C470B	E.CAPACITOR 16V 47U	1	
C127	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
C200-05	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	6	
C206,07	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	2	
C209-11	F2H1D470A004	E.CAPACITOR CH 20V 47U	3	
C212	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C213	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C214	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C215	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C216	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C217	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C218	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C219,20	EEVHB1A101P	E.CAPACITOR 10V 100U	2	
C221-23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C224	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C225	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C226	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C227	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C228,29	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C230	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C231	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C232	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C233,34	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C235	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C236	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C237	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C238,39	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C240	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C241,42	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C243	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C244-46	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C247	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C248,49	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C250-52	EEVHB1C220	E.CAPACITOR 16V 22U	3	
C253-56	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	4	
C300-05	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	6	
C306	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C307	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C308,09	F2H1D470A004	E.CAPACITOR CH 20V 47U	2	
C312	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C313,14	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C315,16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C317,18	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C319,20	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C321,22	EEVHB1A101P	E.CAPACITOR 10V 100U	2	
C323,24	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C325-28	F1K0J1060002	C.CAPACITOR CH6.3V 10U	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C329-32	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	4	
C333,34	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C335,36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C337	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C338-40	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C341,42	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	F1J1C105A083
C343,44	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C345,46	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	2	
C347-52	F1K1C475A043	C.CAPACITOR CH 16V 4.7U	6	
C353-58	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	6	
C359,60	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C361	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C362,63	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C364	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C400	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C401	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C402	EEVHB1H100	E.CAPACITOR 50V 10U	1	
C403-06	F1K0J1060002	C.CAPACITOR CH6.3V 10U	4	
C407-10	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	4	
C411	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C412	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C413	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C414	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C415-18	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	4	
C419	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C420	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C421	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C422	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C423	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C424,25	F1L1C1060020	C.CAPACITOR CH 16V 10U	2	
C426,27	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C428	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C500-02	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C504,05	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C600,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C750	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C752	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C753,54	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C755	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C756	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C800	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C802-07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	6	
C808-16	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	9	
C817	EEVHB1E4R7	E.CAPACITOR 25V 4.7U	1	
C818	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C900,01	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C902,03	ECA12HG472L	E.CAPACITOR 4700U	2	
C904	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C905,06	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C907	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C908-10	F1K0J1060002	C.CAPACITOR CH6.3V 10U	3	
C911	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C912,13	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C914,15	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C916-18	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
D1	MA3J14300L	DIODE	1	
D2,D3	MA147	DIODE	2	
D200,01	MA2Q73600L	DIODE	2	
D202,03	MA3J14300L	DIODE	2	
D300,01	MA2Q73600L	DIODE	2	
D302-05	MA142WK	DIODE	4	
D306-17	MA2Q73800L	DIODE	12	
D318,19	MA147	DIODE	2	
D401	MA2Q73600L	DIODE	1	
D402-05	MA3J14300L	DIODE	4	
D406	MA2Q73600L	DIODE	1	
D750-52	MA142WK	DIODE	3	
D753	MA3J14300L	DIODE	1	
D754	MA3062M	DIODE	1	
D756	MA3056-M	DIODE	1	
D757	MA2Q73800L	DIODE	1	
D758	MA142WK	DIODE	1	
D800-02	MA142WK	DIODE	3	
D803,04	MAZ80470HL	DIODE	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D805	MAZ80620HL	DIODE	1	
D806-08	MA8043-M	DIODE	3	
D809-20	EC15QS04	DIODE	12	
D821	MA142WK	DIODE	1	
D900	MA8051-H	DIODE	1	
D901	NSQ03A04	DIODE	1	B0JCPE000013
IC1	UPC4556G	IC	1	C0ABBA000016
IC2	C0JBAB000379	IC	1	
IC100	C0CBABD00005	IC	1	
IC101	C0EBE0000213	IC	1	
IC102	C0JBAA000233	IC	1	
IC103	MN1030F04K	IC	1	
IC104,05	C0JBAB000423	IC	2	
IC106	C0ABBA000075	IC	1	
IC107	C0JBAZ001517	IC	1	
IC201	C0BBBA000030	IC	1	
IC202,03	TB6519AF	IC	2	
IC204,05	UN224	TRANSISTOR-RESISTOR	2	
IC206	C0ABBA000075	IC	1	
IC207	C0BBBA000030	IC	1	
IC208	C0ABBA000075	IC	1	
IC209	C0BBBA000030	IC	1	
IC212	C0JBAZ001517	IC	1	
IC213	C0JBAB000379	IC	1	
IC301	TL1451CDB	IC	1	
IC302	C0BBBA000030	IC	1	
IC303	TB6519AF	IC	1	
IC305	C0JBAZ001517	IC	1	
IC306	TB6519AF	IC	1	
IC307	C0ABBB000179	IC	1	
IC401,02	C0BBBA000030	IC	2	
IC403	C0ABBA000075	IC	1	
IC406,07	UPC4558G2	IC	2	C0ABBB000131
IC408-10	C0ABBA000075	IC	3	
IC501	C3EBEG000042	IC	1	
IC502	C0JBAZ000994	IC	1	
IC503	X9036L7V64	IC	1	
IC600	C0ABBB000179	IC	1	
IC752	C0GBM0000003	IC	1	
IC800	TC4538BF	IC	1	
IC803-05	C0GBM0000003	IC	3	
IC806	C0JBAB000007	IC	1	
IC900	C0ABBA000075	IC	1	
IC901	C0CBADD00003	IC	1	
IC902,03	C0JBAZ001003	IC	2	
IC904	C0JBAZ001647	IC	1	
ID103	VVVSI4080B	SOFTWARE	1	
ID503	VVVSI4008	SOFTWARE	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1	G1C101K00022	COIL 100UH	1	
L201,02	VLQ0650M151	COIL 150UH	2	G1C151MA0016
L301,02	VLQ0650M151	COIL 150UH	2	G1C151MA0016
L750,51	G1C101K00022	COIL 100UH	2	
P500	K1KA08B00147	CONNECTOR (FEMALE)	1	
P600	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P601	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P602	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P603	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P604	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P605	K1KA02B00075	CONNECTOR (MALE)	1	
P606	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P607	K1MN10B00052	CONNECTOR	1	
P608	K1KA02B00075	CONNECTOR (MALE)	1	
P609	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P610	K1KA03B00102	CONNECTOR (MALE)	1	
P611	K1KA02B00075	CONNECTOR (MALE)	1	
P612	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P613	K1MN15B00033	CONNECTOR	1	
P614,15	VJS3813C017	CONNECTOR (FEMALE)	2	K1MN17B00012
P616	K1MN19B00007	CONNECTOR	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P617	K1KA04B00186	CONNECTOR (MALE)	1	
P618	VJP3125B002	CONNECTOR (MALE)	1	K1KA02B00111
P619	VJP3978A080A	CONNECTOR (MALE)	1	
P620	VJS3791B020	CONNECTOR (FEMALE)	1	
Q1	2SD0601ARL	TRANSISTOR	1	
Q2,Q3	2SB0709A0L	TRANSISTOR	2	
Q4	2SD0601ARL	TRANSISTOR	1	
Q5	2SB0709A0L	TRANSISTOR	1	
Q6	2SD0601ARL	TRANSISTOR	1	
Q200	2SD1820A-R	TRANSISTOR	1	
Q201	2SB1219A-R	TRANSISTOR	1	
Q202	2SD1820A-R	TRANSISTOR	1	
Q203	2SB1219A-R	TRANSISTOR	1	
Q204-07	2SD1819A-R	TRANSISTOR	4	
Q208	HAT1024R	TRANSISTOR	1	
Q300	2SD1820A-R	TRANSISTOR	1	
Q301	2SB1219A-R	TRANSISTOR	1	
Q302	2SD1820A-R	TRANSISTOR	1	
Q303	2SB1219A-R	TRANSISTOR	1	
Q304	2SB710A-RS	TRANSISTOR	1	
Q305	2SB1073-R	TRANSISTOR	1	
Q306	2SD1119-R	TRANSISTOR	1	
Q307	2SB1073-R	TRANSISTOR	1	
Q308	2SD1119-R	TRANSISTOR	1	
Q309	2SB1073-R	TRANSISTOR	1	
Q310	2SD1119-R	TRANSISTOR	1	
Q311	2SB710A-RS	TRANSISTOR	1	
Q312	2SB1073-R	TRANSISTOR	1	
Q313	2SD1119-R	TRANSISTOR	1	
Q314	2SB1073-R	TRANSISTOR	1	
Q315	2SD1119-R	TRANSISTOR	1	
Q316	2SB1073-R	TRANSISTOR	1	
Q317	2SD1119-R	TRANSISTOR	1	
Q318	HAT1024R	TRANSISTOR	1	
Q401	2SB1219A-R	TRANSISTOR	1	
Q750	2SD1819A-R	TRANSISTOR	1	
Q751	2SD1624-S	TRANSISTOR	1	
Q752	2SB1073-R	TRANSISTOR	1	
Q753	2SD1819A-R	TRANSISTOR	1	
Q800-02	2SD0601ARL	TRANSISTOR	3	
Q803-05	2SB1073-R	TRANSISTOR	3	
Q900	2SB936A-Q	TRANSISTOR	1	
Q901	2SD1819A-R	TRANSISTOR	1	
Q902-04	B1DHDC000023	TRANSISTOR	3	
Q905	B1DFEC000004	TRANSISTOR	1	
Q906	B1DHDC000023	TRANSISTOR	1	
QR1,R2	UNR521300L	TRANSISTOR	2	
QR3	UNR511300L	TRANSISTOR	1	
QR4	UN5215	TRANSISTOR-RESISTOR	1	
QR5	UNR511500L	TRANSISTOR	1	
QR100-02	UNR521300L	TRANSISTOR	3	
QR200,01	UNR521300L	TRANSISTOR	2	
QR300,01	UNR511100L	TRANSISTOR	2	
QR750	UNR521400L	TRANSISTOR-RESISTOR	1	
QR751	UNR511400L	TRANSISTOR-RESISTOR	1	
QR752	UNR521400L	TRANSISTOR-RESISTOR	1	
QR753	UNR511400L	TRANSISTOR-RESISTOR	1	
QR755,56	UNR521400L	TRANSISTOR-RESISTOR	2	
QR800	UNR521300L	TRANSISTOR	1	
QR801-06	UNR521400L	TRANSISTOR-RESISTOR	6	
QR807-12	UNR511400L	TRANSISTOR-RESISTOR	6	
QR813-15	UNR521300L	TRANSISTOR	3	
QR816	UNR521400L	TRANSISTOR-RESISTOR	1	
QR817-19	UNR521300L	TRANSISTOR	3	
QR820-22	UNR521400L	TRANSISTOR-RESISTOR	3	
QR900	UNR521300L	TRANSISTOR	1	
QR901	UNR511300L	TRANSISTOR	1	
QR902-04	UNR521300L	TRANSISTOR	3	
R1	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2,R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R5	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7-R9	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R10	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R11,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R13	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R14	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R15,16	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R17	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R18	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R19	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R20,21	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R22	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R100	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R101-04	EXBV8V101J	COMBI.R-R 100	4	
R105,06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R107,08	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R109	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R110	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R111-13	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R115	EXBV8V473J	COMBI.R-R 47K	1	
R116	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R117	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R118	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R119	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R123	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R124,25	ERJ6GEYG184	M.RESISTOR CH 1/10W 180K	2	
R126	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R127	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R128	ERJ3GEYJ120	M.RESISTOR CH 1/16W 12	1	
R129	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R130	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R131	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R134,35	EXBV8V101J	COMBI.R-R 100	2	
R136	EXBV8V473J	COMBI.R-R 47K	1	
R137	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R138	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R139,40	EXBV8V101J	COMBI.R-R 100	2	
R141	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R142-44	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R145	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R200,01	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2	
R202	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R203	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R204	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R205	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
⚠ R206,07	K5H1623A0001	FUSE	2	
R208,09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R210	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R211	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R212,13	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R214	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R215,16	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R217	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R218	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R219	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R220	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R221,22	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R223	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R224	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R225	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R226	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R227	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R228	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R229-32	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R233	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R234	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R235	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R236	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R237	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R238	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R239	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R240	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R241	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R242,43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R244,45	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R246	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R247	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R248	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R249	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R250,51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R252-54	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R255	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R256	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R257	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R258	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R259	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R260	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R261,62	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R263	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R264	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R265	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R266,67	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R268	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R269	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R270-72	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R273	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R274,75	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R276	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R277	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R278,79	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R280	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R281	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R282	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R283	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R300,01	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R302,03	D0GB123JA002	M.RESISTOR CH 1/16W 12K	2	
⚠ R304,05	K5H1623A0001	FUSE	2	
R306	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R307,08	D0GB123JA002	M.RESISTOR CH 1/16W 12K	2	
R309	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R310,11	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R312-15	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	4	
R316,17	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	2	
R318	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R319,20	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R321	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R322,23	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R325	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R326	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R327	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R328	D0GB123JA002	M.RESISTOR CH 1/16W 12K	1	
R329	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R330,31	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R332,33	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	2	
R338,39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R340-43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R346	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R347	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R348	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R349	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R350,51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R352-55	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	4	
R356,57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R358,59	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R360,61	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R362,63	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R364	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R365,66	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R367	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R368,69	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R370-73	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	4	
R374	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R375-78	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	4	
R379	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R380,81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R400,01	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R402,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R404	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R405,06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R407,08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R409-12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R413-17	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	5	
R418	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R419	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R420,21	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R422-25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R426	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
R427	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R428-31	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	4	
R432-35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R436	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R437	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R438	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R439	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R440	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R441	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R442	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R443	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R444	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R445	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R501	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R502,03	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R504	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R505	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R507-09	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R511	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R603	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R604	EXBV8V473J	COMBI.R-R 47K	1	
R605,06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R607,08	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2	
R609,10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R613,14	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2	
R750	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R751	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R752	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R753	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R754	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R755	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R756	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R757	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R758,59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R762	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R763	ERJ8GEYJ470	M.RESISTOR CH 1/8W 47	1	
R764-67	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R768,69	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R770,71	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R772	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R773	ERJ8GEYJ471	M.RESISTOR CH 1/8W 470	1	
R774	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R775	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R776	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R777	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R778	EXBV8V102J	COMBI.R-R 1K	1	
R800	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R801	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R802-04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R805-07	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	3	
R808-10	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	3	
R811-14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R815	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R900,01	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R902	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R903	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R904-06	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	3	
R907	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R908	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R909-12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R913-16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R917	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R918	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R919-22	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	4	
TG300	EYF6CU	TEST POINT	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TP1	EYF6CU	TEST POINT	1	
TP100	EYF6CU	TEST POINT	1	
TP108-10	EYF6CU	TEST POINT	3	
TP301,02	EYF6CU	TEST POINT	2	
TP402	EYF6CU	TEST POINT	1	
TP501,02	EYF6CU	TEST POINT	2	
TP601,02	EYF6CU	TEST POINT	2	
TP751	EYF6CU	TEST POINT	1	
VR401	EVM7JGA00B54	V.RESISTOR 50K	1	
VR402	EVM7JGA00B24	V.RESISTOR 20K	1	
VR750,51	VRV0303B203A	V.RESISTOR 20K	2	D3EC3203A002
X100	VSX0918	CRYSTAL OSCILLATOR	1	H0J250500005
		MISCELLANEOUS		
	VMS7297	SPACER	1	
	XYN2+F5	SCREW	1	
■ E15	VEP85210A	HEAD BUFF P.C.BOARD	1	(RTL)
C1	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C2,C3	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C4	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C9	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C100	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C101	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C102,03	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C108	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C109	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C110	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C111,12	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C119	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C120,21	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C126	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C127	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C128	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C129,30	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C135	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C136,37	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C205	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C206	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C207,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C210	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C211	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C212	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C213	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C214	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C215	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C216	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C217,18	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C219	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C220,21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C222,23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C224	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C305	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C306	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C307,08	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C310	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C311	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C312	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C313	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C314	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C315	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C316	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C317,18	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C319	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C320,21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C322,23	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	2	
C324	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C400	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C401-04	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	4	
C405	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C406	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C407,08	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	2	
C409	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C410-13	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	4	
C414	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C416	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C417	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C418	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C419	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C420	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C423,24	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
C500	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C501-04	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	4	
C505	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C506	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C507,08	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	2	
C509	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C510-13	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	4	
C514	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C516	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C517	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C518	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C519	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C520	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C523,24	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	2	
D401	MA132A	DIODE	1	
D501	MA132A	DIODE	1	
IC1,C2	THC4052FT	IC	2	
IC100	C0JBAB000565	IC	1	
IC101,02	TC4S69F	IC	2	C0JBAB000139
IC200	AN3732FJMEFV	IC	1	
IC201	AD8051AR	IC	1	C0ABAB000061
IC202,03	TC7W53F	IC	2	
IC300	AN3732FJMEFV	IC	1	
IC301	AD8051AR	IC	1	C0ABAB000061
IC302,03	TC7W53F	IC	2	
IC400	AN3732FJMEFV	IC	1	
IC500	AN3732FJMEFV	IC	1	
J1,J2	K4CD01000006	LUG TERMINAL	2	
L100-07	VLQ0426J2R2	COIL 2.2UH	8	G1C2R2J00008
L200	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L300	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L400	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L401-04	VLQ0464K6R8	COIL 6.8UH	4	G1C6R8K00007
L500	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L501-04	VLQ0464K6R8	COIL 6.8UH	4	G1C6R8K00007
P1,P2	VJS3898D024	CONNECTOR (FEMALE)	2	K1MN24B00041
P3,P4	VJS3801B050	CONNECTOR (FEMALE)	2	
P5	K1KA12A00047	CONNECTOR (MALE)	1	
Q100,01	2SC3735B35	TRANSISTOR	2	
Q104,05	2SC3735B35	TRANSISTOR	2	
Q108,09	2SC3735B35	TRANSISTOR	2	
Q112,13	2SC3735B35	TRANSISTOR	2	
Q202,03	2SC3930	TRANSISTOR	2	
Q302,03	2SC3930	TRANSISTOR	2	
Q400,01	XN0150400L	TRANSISTOR	2	
Q402	2SC3930	TRANSISTOR	1	
Q500,01	XN0150400L	TRANSISTOR	2	
Q502	2SC3930	TRANSISTOR	1	
QR1	UNR521300L	TRANSISTOR	1	
QR2	UNR511300L	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R2	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3,R4	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7,R8	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R9,10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R14	EXB24V105J	COMBI.R-R 1M	1	
R15	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R101	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R102	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R103	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R104	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R105	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R111	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R113	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R114	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R115	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R116	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R117	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R118	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R119	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R120	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R126	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R128	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R130	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R131	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R132	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R133	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R134	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R135	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R141	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R143	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R144	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R145	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R146	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R147	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R148	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R149	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R150	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R156	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R158	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R159	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R160	EXBV8V473J	COMBI.R-R 47K	1	
R213	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R214	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R217	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R218-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R222	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R228	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R233	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R235	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R236	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R243	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R244	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R247,48	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R249	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R251	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R252	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R253	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R255	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R256,57	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R258,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R313	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R314	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R317	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R318-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R322	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R328	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R333	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R335	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R336	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R340	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R343	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R344	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R347,48	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R349	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R351	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R352	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R353	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R355	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R356,57	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R358,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R400-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R405	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R406-09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R416	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R419-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R423	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R425,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R429	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R430	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R431	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R434	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R435	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R437	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R442	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R450	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R451	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R500-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R505	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R506-09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R516	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R519-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R523	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R525,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R529	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R530	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R534	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R535	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R537	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R542	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R550	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R551	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
TG1	EYF6CU	TEST POINT	1	
TP1-P6	EYF6CU	TEST POINT	6	
VR200	VRV0303B102	V.RESISTOR 1K	1	
VR300	VRV0303B102	V.RESISTOR 1K	1	
■ E16	VEP21280A	CAMERA POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP21280A
C1000	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1001,02	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C1003	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1004-06	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C1008	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1009	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1010,11	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1012	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1013,14	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1015	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1016	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1017,18	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	2	
C1019	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1020	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1021	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1022	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1100,01	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C1102	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C1103,04	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C1105	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1106	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1107	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1108	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1109	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1110	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1200,01	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	2	
C1202	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1203	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1204	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1205	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C1206	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1207	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1208	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1211	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1212	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1213	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1214	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1215	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C1216	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1217	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1218	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1219	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1220	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1221	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1222	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C1223	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1227	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1228,29	F2H1D470A004	E.CAPACITOR CH 20V 47U	2	
C1230	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1400,01	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1402,03	EEVHB1V100	E.CAPACITOR 35V 10U	2	
C1404,05	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C4000,01	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C4002	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4003,04	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4005	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4006	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4007	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4008	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4009,10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C4011,12	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4013	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4014	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4015	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4016	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C4017	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4018	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4019	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C4020,21	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C4022	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4023-26	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
D1000,01	MA142WK	DIODE	2	
D1002	NSQ03A04	DIODE	1	B0JCPE000013
D1003	MA8062-MH	DIODE	1	
D1004	NSQ03A04	DIODE	1	B0JCPE000013
D1005	MAZ80680KL	DIODE	1	
D1006	MA142WK	DIODE	1	
D1007	MA142WA	DIODE	1	
D1100	MA142WK	DIODE	1	
D1101	NSQ03A04	DIODE	1	B0JCPE000013
D1102	MA142K	DIODE	1	
D1103,04	MAZ80680KL	DIODE	2	
D1105,06	MA142K	DIODE	2	
D1200	MA142WK	DIODE	1	
D1201	NSQ03A04	DIODE	1	B0JCPE000013
D1202,03	MAZ80680KL	DIODE	2	
D1204	MA142WA	DIODE	1	
D1205	MA142WK	DIODE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1206	SFPB-76V	DIODE	1	
D1207	MA2Q73900L	DIODE	1	
D1208	SFPB-76V	DIODE	1	
D1209-13	MAZ80680KL	DIODE	5	
D1400	MA142K	DIODE	1	
D1401	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
D4000-03	MA3J14300L	DIODE	4	
IC1000	LTC1628IG	IC	1	
IC1100	C0DBCFB00001	IC	1	
IC1200	BA9743AFV	IC	1	C0DBAZC00010
IC1400	C0DBZGH00001	IC	1	
IC1401	C0BBBA000019	IC	1	
IC4001,02	NJM2068MD	IC	2	C0ABBB000031
L1000-03	J0JBC0000019	FILTER	4	
L1004	G1A100G00006	COIL 10UH	1	
L1005	J0JKC0000009	FILTER	1	
L1006	VLQ0859M470	COIL 47UH	1	
L1007,08	G1A100G00006	COIL 10UH	2	
L1010	J0JKC0000009	FILTER	1	
L1011	VLQ0859M470	COIL 47UH	1	
L1012	G1A100G00006	COIL 10UH	1	
L1100	J0JBC0000019	FILTER	1	
L1101	J0JKC0000009	FILTER	1	
L1102	VLQ0859M101	COIL 100UH	1	
L1103,04	G1A100G00006	COIL 10UH	2	
L1200,01	J0JBC0000019	FILTER	2	
L1202	G1A100G00006	COIL 10UH	1	
L1203	J0JKC0000009	FILTER	1	
L1204	VLQ0859M101	COIL 100UH	1	
L1205,06	G1A100G00006	COIL 10UH	2	
L1207,08	J0JKC0000009	FILTER	2	
L1209,10	G1A100G00006	COIL 10UH	2	
L4000-03	VLQ0319K100	COIL 10UH	4	G1C100K00023
P1003	K1MN16A00011	CONNECTOR	1	
P1501	K1KA04B00186	CONNECTOR (MALE)	1	
P1502	VJP4064L080	CONNECTOR (MALE)	1	
P4500	VJP4395D008	CONNECTOR (MALE)	1	
Q1	B1DFFD000006	FET	1	FOR VEP001B9A
Q1000-03	B1DFFD000006	FET	4	
Q1101	B1DFFD000006	FET	1	
Q1102	2SD1819A-R	TRANSISTOR	1	
Q1200	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1201	XN0440100L	TRANSISTOR	1	
Q1202	2SD1819A-R	TRANSISTOR	1	
Q1203	B1DHEG000002	TRANSISTOR	1	
Q1204	2SB1219A	TRANSISTOR	1	
Q1205	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1206	XN0440100L	TRANSISTOR	1	
Q1207	2SD1819A-R	TRANSISTOR	1	
Q1208	2SK1059-Z	TRANSISTOR	1	B1DFDG000001
Q4000,01	2SB1220-R	TRANSISTOR	2	
Q4002	2SD1821-R	TRANSISTOR	1	
Q4003	2SB1220-R	TRANSISTOR	1	
Q4004	2SD1819A-R	TRANSISTOR	1	
Q4005	2SB1218A-R	TRANSISTOR	1	
QR1000,01	UNR521100L	TRANSISTOR	2	
QR1100	UNR521100L	TRANSISTOR	1	
QR1101	UNR511100L	TRANSISTOR	1	
QR1102	UNR521100L	TRANSISTOR	1	
QR1103	UNR511100L	TRANSISTOR	1	
QR1200	UNR511200L	TRANSISTOR	1	
QR1201,02	UNR521100L	TRANSISTOR	2	
QR1204	UNR511100L	TRANSISTOR	1	
QR1205	UNR521100L	TRANSISTOR	1	
QR1400	UNR521100L	TRANSISTOR	1	
QR1401	UNR511300L	TRANSISTOR	1	
QR1402,03	UNR521100L	TRANSISTOR	2	
QR4000	UNR521300L	TRANSISTOR	1	
QR4001	UNR511300L	TRANSISTOR	1	
QR4002,03	UNR521300L	TRANSISTOR	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	FOR VEP001B9A
R1000	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1003,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1005	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1006	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R1007	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1008	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1010	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1011,12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R1013	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1014	VRE0221H50M	M.RESISTOR	1	
R1015	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1016	VRE0221H50M	M.RESISTOR	1	
R1017	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1100	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1103	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1105	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1106	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1107	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R1109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1113,14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1200	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1201	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1202	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1203	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1204-07	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	4	
R1208	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1210	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1211	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1212	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R1213,14	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1215	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1216	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1218	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R1219	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R1220	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1221	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R1222,23	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	2	
R1224	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1225	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1226	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1227	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1228	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1229	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1230	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1231	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1232	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1233	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1234	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1235	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1236	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1237	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1238	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1239	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1240	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1241	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1242	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1244	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1245	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1246	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1248,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1253,54	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1404	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1405,06	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R1407	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R1408-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1412	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R1413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4000,01	ERJ12YJ181	M.RESISTOR CH 1/2W 180	2	
R4002	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4003	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4004,05	ERJ14YJ681	M.RESISTOR CH 1/4W 680	2	
R4006,07	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R4008	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4009	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4010,11	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4012	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4013	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4014	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4015,16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4017	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4019,20	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R4021	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4022,23	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4024	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4025	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4026,27	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4028	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4029,30	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4031	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4032	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4033	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4034	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4035,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
SW4500	ESD11H230	SWITCH	1	
SW4501	VSS0342	SWITCH	1	K0D112B00056
T1200	G5D1A0000029	TRANSFORMER	1	
TG1401	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	VMP7596	P.C.B. ROTATION ANGLE	2	
	VHD0325	SCREW	2	
	XWGV4D9G	WASHER	2	
	XWGV4Y9G	WASHER	2	
	XSB2+6FX	SCREW	2	
	VSC5520	CAM POWER SHILED CASE	1	
	VMZ2647	BARRIER	1	
■ E17	VEP81227B	VTR POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP81227B
C1	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C2	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C3,C4	ECJ1VC1H180J	C.CAPACITOR CH 50V 18P	2	
C5-C7	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
C8	ECJ1VB1H103K	C.CAPACITOR CH 50V 0.01U	1	
C100	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C101-04	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	4	
C105-14	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	10	
C1000	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1001,02	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C1003	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1004,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1007,08	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1009,10	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1011	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1012	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1013	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1014	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1015	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1016	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1017	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1018	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1019	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1020	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1021	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1100	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1101,02	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	2	
C1103	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1104,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1107,08	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1109,10	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1111	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1112	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1113	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1114	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1115	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1116	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1117	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1118	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1119	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1120	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1121,22	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	2	
C1201	ECJ1VC1H330J	C.CAPACITOR CH 50V 33P	1	
C1202	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1204,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1206	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1207	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1208	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1209	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1210	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1211	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1212	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1213	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1300,01	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C1302	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C1303,04	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C1305	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1306	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1307	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1308	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1309	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1310	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1400,01	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1402,03	EEVHB1V100	E.CAPACITOR 35V 10U	2	
C1404	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1405	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1406	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C1407	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
D1	MA142K	DIODE	1	
D100	LNJ310M6URA	DIODE	1	
D101-08	MA147	DIODE	8	
D1000,01	MA142WK	DIODE	2	
D1002	NSQ03A04	DIODE	1	B0JCPE000013
D1003	MA8062-MH	DIODE	1	
D1004	NSQ03A04	DIODE	1	B0JCPE000013
D1005	MA8062-MH	DIODE	1	
D1006	MA142WA	DIODE	1	
D1007	MA142WK	DIODE	1	
D1100,01	MA142WK	DIODE	2	
D1102	NSQ03A04	DIODE	1	B0JCPE000013
D1103	MA8062-MH	DIODE	1	
D1104	NSQ03A04	DIODE	1	B0JCPE000013
D1105	MAZ80680KL	DIODE	1	
D1106	MA142WA	DIODE	1	
D1107	MA142WK	DIODE	1	
D1200	MA142WK	DIODE	1	
D1201	NSQ03A04	DIODE	1	B0JCPE000013
D1202	MA8062-MH	DIODE	1	
D1203,04	MA142K	DIODE	2	
D1300	MA142WK	DIODE	1	
D1301	NSQ03A04	DIODE	1	B0JCPE000013
D1302	MA142K	DIODE	1	
D1303,04	MAZ80680KL	DIODE	2	
D1305,06	MA142K	DIODE	2	
D1400	MA142K	DIODE	1	
D1401	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
D1402	MA142K	DIODE	1	
IC1	C0EBE0000211	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC2	TC7W32FU	IC	1	
IC100	TVHC257FT	IC	1	
IC101	C0JBAB000350	IC	1	
IC102	C0JBAA000117	VHC	1	
IC103	TVHC257FT	IC	1	
IC104	C0JBAB000350	IC	1	
IC105	MAX3223CAP	IC	1	C0ZBZ0000220
IC106,07	THC4052FT	IC	2	
IC1000	LTC1628IG	IC	1	
IC1100	LTC1628IG	IC	1	
IC1200	LTC1628IG	IC	1	
IC1300	C0DBCFB00001	IC	1	
IC1400	C0DBZGH00001	IC	1	
IC1401	C0BBBA000019	IC	1	
ID1	VVVSI4083	SOFTWARE	1	
IP1	C2CBKJ000058	IC	1	
L1000-03	J0JBC0000019	FILTER	4	
L1004	G1A4R7H00002	COIL 4.7UH	1	
L1005	J0JKC0000009	FILTER	1	
L1006	VLQ0859M220	COIL 22UH	1	
L1007	G1A4R7H00002	COIL 4.7UH	1	
L1009	J0JKC0000009	FILTER	1	
L1010	VLQ0859M220	COIL 22UH	1	
L1011	G1A4R7H00002	COIL 4.7UH	1	
L1100-03	J0JBC0000019	FILTER	4	
L1104	G1A4R7H00002	COIL 4.7UH	1	
L1105	J0JKC0000009	FILTER	1	
L1106	VLQ0859M330	COIL 33UH	1	
L1107	G1A4R7H00002	COIL 4.7UH	1	
L1109	J0JKC0000009	FILTER	1	
L1110	VLQ0859M470	COIL 47UH	1	
L1111,12	G1A4R7H00002	COIL 4.7UH	2	
L1200,01	J0JBC0000019	FILTER	2	
L1202	G1A4R7H00002	COIL 4.7UH	1	
L1203	J0JKC0000009	FILTER	1	
L1204	VLQ0859M330	COIL 33UH	1	
L1205	G1A4R7H00002	COIL 4.7UH	1	
L1300	J0JBC0000019	FILTER	1	
L1301	J0JKC0000009	FILTER	1	
L1302	VLQ0859M470	COIL 47UH	1	
L1303,04	G1A4R7H00002	COIL 4.7UH	2	
P1	K1KA08B00147	CONNECTOR (FEMALE)	1	
P100	K1NA09E00029	CONNECTOR (MALE)	1	
P101	K1FA109B0052	CONNECTOR (MALE)	1	
P1000	K1KA04B00186	CONNECTOR (MALE)	1	
P1001	VJP3808E040	CONNECTOR (MALE)	1	K1KA40A00101
P1002	VJP4064L140	CONNECTOR (MALE)	1	K1KBE0B00003
Q1	B1DFFD000006	FET	1	FOR VEP001B9A
Q100	2SB956-R	TRANSISTOR	1	
Q1000-03	B1DFFD000006	FET	4	
Q1100-03	B1DFFD000006	FET	4	
Q1200,01	B1DFFD000006	FET	2	
Q1301	B1DFFD000006	FET	1	
Q1302	2SD1819A-R	TRANSISTOR	1	
Q1400	2SD1819A-R	TRANSISTOR	1	
QR1000,01	UNR521100L	TRANSISTOR	2	
QR1100,01	UNR521100L	TRANSISTOR	2	
QR1200	UNR521100L	TRANSISTOR	1	
QR1300	UNR521100L	TRANSISTOR	1	
QR1301	UNR511100L	TRANSISTOR	1	
QR1302	UNR521100L	TRANSISTOR	1	
QR1303	UNR511100L	TRANSISTOR	1	
QR1400	UNR521100L	TRANSISTOR	1	
QR1401	UNR511300L	TRANSISTOR	1	
QR1402-04	UNR521100L	TRANSISTOR	3	
QR1405	UNR511400L	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	FOR VEP001B9A

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R2	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R5	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7	EXBV8V101J	COMBI.R-R 100	1	
R8,R9	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R11,12	EXBV8V473J	COMBI.R-R 47K	2	
R13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R14-16	EXBV8V473J	COMBI.R-R 47K	3	
R17	EXBV8V101J	COMBI.R-R 100	1	
R18-20	EXBV8V473J	COMBI.R-R 47K	3	
R21-23	EXBV8V101J	COMBI.R-R 100	3	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R26,27	EXBV8V473J	COMBI.R-R 47K	2	
R28	EXBV8V102J	COMBI.R-R 1K	1	
R32	EXBV8V473J	COMBI.R-R 47K	1	
R33	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R100	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R104	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R105,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R107	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R108	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R109	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R110	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R111,12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R116	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R117,18	EXBV8V473J	COMBI.R-R 47K	2	
R119	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R120	D1H8R0040001	COMBI.R-R 0	1	
R122	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R125-28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R133-36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1000	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1003,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1005	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1006	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1007	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R1009	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R1010	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R1011	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1012	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1013	VRE0221H15M	M.RESISTOR	1	
R1014	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1015	VRE0221H33M	M.RESISTOR	1	
R1016	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1017	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1100	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1103,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1105	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1106	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1107	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1109	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R1110	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1111	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1112	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1113	VRE0221H15M	M.RESISTOR	1	
R1114	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1115	VRE0221H15M	M.RESISTOR	1	
R1116	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1117	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1200	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1203	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1206	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R1207	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R1209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1210	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1211	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1212	VRE0221H50M	M.RESISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1213	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1300	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1303	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1305	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1306	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1307	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R1309	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1313,14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1315	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1404	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1405,06	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R1407	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R1408-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1412	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R1413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1414	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R1415	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
R1416	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1417	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
SW1	K0N116A00031	SWITCH	1	
SW2	VSS0367-04B	SWITCH	1	
TG1401,02	EYF6CU	TEST POINT	2	
X1	H0J614400002	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP7596	P.C.B. ROTATION ANGLE	1	
	VMP7831	ROTARY STAY	1	
	VMP7594	VTR P.C.B. HOLDER ANGLE	1	
	VHD0325	SCREW	2	
	XWGV4D9G	WASHER	1	
	XWGV4Y9G	WASHER	1	
	XWGV4Z9G	WASHER	1	
	VMS7297	SPACER	3	
	XYN26+J6	SCREW	1	
	XSB2+6FX	SCREW	2	
	XYN3+J8	SCREW	2	
	XYN2+F6	SCREW	3	
■ E18	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
D6001-03	B3AAB0000044	LED	3	
P501	VJP3125B010	CONNECTOR (MALE)	1	K1KA10B00136
SW6001-05	EVQPHL03T	SWITCH	5	
		MISCELLANEOUS		
	VEE9417	P.C.B. INT CABLE	1	
■ E19	VEP80C51A	INTERFACE P.C.BOARD	1	(RTL)
C9803	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
L9801	VLF1151A132	COIL	1	
P9801	VJP4064L080	CONNECTOR (MALE)	1	
P9803	WR-70P-VF-1	CONNECTOR	1	K1KB70A00029
P9804,05	VJP4395D003	CONNECTOR (MALE)	2	
P9806	VJP4395D005	CONNECTOR (MALE)	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
P9807	VJS3791B020	CONNECTOR (FEMALE)	1	
P9808	K1KBA0B00024	CONNECTOR (FEMALE)	1	
P9809	VJP4395D004	CONNECTOR (MALE)	1	
P9810	VJP4395B006	CONNECTOR (MALE)	1	
P9811	VJP4395D008	CONNECTOR (MALE)	1	
R9801	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9806	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R9816	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9819,20	J0JBC0000019	FILTER	2	
R9821-25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R9827,28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R9830	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9832-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	52	
		MISCELLANEOUS		
	VMP7598	I/F P.C.B. HOLDER ANGLE	2	
	XYN26+K5	SCREW	2	
	XSB2+6FX	SCREW	2	
■ E20	VEP80C52A	REAR JACK P.C.BOARD	1	(RTL)
C4101-06	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	6	
C4107-10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	4	
D4101	KR5009X-1C	DIODE	1	
J4101,02	K1AB103A0007	CONNECTOR (MALE)	2	
L4101-04	VLQ0319K100	COIL 10UH	4	G1C100K00023
P4101	VJS3826C024	CONNECTOR (FEMALE)	1	
R4102,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4107,08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4111,12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4113-20	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	8	
R4121-24	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R4125-28	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	4	
R4129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4132	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW4101,02	K0D143A00008	SWITCH	2	
		MISCELLANEOUS		
	VMX2162	LED SPACER	1	K9ZZ00000652
■ E21	VEP80C53A	L SIDE P.C.BOARD	1	(RTL)
J1-J4	VJS1440	CONNECTOR (FEMALE)	4	
P1	VJP4395D008	CONNECTOR (MALE)	1	
R1-R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
		MISCELLANEOUS		
	VMP7593	BNC HOLDER ANGLE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E22	VEP80C54A	FRONT MIC P.C.BOARD	1	(RTL)
C9001-03	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
J9001	K1AB103B0013	CONNECTOR (FEMALE)	1	
L9001-03	VLF1315A102	FILTER	3	J0JHC0000015
P9001	VJP4395D008	CONNECTOR (MALE)	1	
■ E23	VEP80C57A	FRONT SW P.C.BOARD	1	(RTL)
P1	K1MN14A00013	CONNECTOR	1	
P2	VJP4395C006	CONNECTOR	1	
P3	VJP4395D007	CONNECTOR (MALE)	1	
R5-R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R10-13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
SW1	VST0194	SWITCH	1	K0E132A00002
SW2	VST0195	SWITCH	1	K0E132A00003
		MISCELLANEOUS		
	VMP7584	P.C.B. HOLDER ANGLE	1	
■ E24	VEP80C58A	MENU SW P.C.BOARD	1	(RTL)
C101	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C102	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	1	
C103,04	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C105-07	ECJ1VF1E104Z	C.CAPACITOR CH 25V 0.1U	3	
D101-03	MA147	DIODE	3	
IC101,02	C0JBAB000243	IC	2	
J101	K4CD01000006	LUG TERMINAL	1	
P101	VJP4395D007	CONNECTOR (MALE)	1	
R101	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R102	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R103	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R104	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R105	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R108	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
SW101	EVQB1D10809B	SWITCH	1	
SW102,03	VST0335	SWITCH	2	K0H1BA000373
■ E25	VEP80C59A	SYNCHRO P.C.BOARD	1	(RTL)
SW9101,02	K0H1BA000443	SWITCH	2	
		MISCELLANEOUS		
	VEE0W23	SYNCHRO SW CABLE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E26	VEP80C60A	FRONT VR P.C.BOARD	1	(RTL)
P9201	VJP4395B006	CONNECTOR (MALE)	1	
P9202	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
SW9201	VST0335	SWITCH	1	K0H1BA000373
VR9201	VRV0300	V.RESISTOR	1	D2BCC14Y0001
■ E27	VEP80C61A	USER P.C.BOARD	1	(RTL)
P9301	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
SW9301,02	K0H1BA000443	SWITCH	2	
■ E28	VEP80C62A	TOGGLE P.C.BOARD	1	(RTL)
P9401	VJP4395D008	CONNECTOR (MALE)	1	
SW9401	VST0326	SWITCH	1	K0E112G00009
SW9402-04	VST0327	SWITCH	3	K0E112G00010
■ E29	VEP80C64A	HEADPHONE P.C.BOARD	1	(RTL)
C9601,02	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
J9601	VJJ0522	JACK	1	K2HC103B0082
L9601,02	J0JBC0000041	FILTER	2	
P9601	VJP4395D004	CONNECTOR (MALE)	1	
■ E30	VEP80C71A	EXT DC P.C.BOARD	1	(RTL)
D101	S3V60	DIODE	1	B0EAKR000020
J101	VJP3429	CONNECTOR (MALE)	1	K1AA104H0024
		MISCELLANEOUS		
	VEE0K14	EXT DC INF CABLE	1	
	VEE0L74	EXT DC CABLE	1	
■ E31	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D1	TLRA116	DIODE	1	
SW1	VST0131	SWITCH	1	K0E122A00016
		MISCELLANEOUS		
	VEE9418	CABLE	1	
	VMX2126	LED SPACER	1	

ELECTRICAL REPLACEMENT PARTS LIST (AJ-SDX900E/ D908MC)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20981A	CCD P.C.BOARD	1	(RTL)
■ E2	VEP20982A	DRIVE P.C.BOARD	1	(RTL)
■ E3	VEP20983A	PULSE P.C.BOARD	1	(RTL)
■ E4	VEP23578A	PRE PROCESS P.C.BOARD	1	(RTL)
■ E5	VEP25122A	PRE AMP P.C.BOARD	1	(RTL)
■ E6	VEP89140A	MOTHER P.C.BOARD	1	(RTL)
■ E7	VEP84386A	REAR AUDIO P.C.BOARD	1	(RTL)
■ E8	VEP84385A	AUDIO LCD P.C.BOARD	1	(RTL)
■ E9	VEP23577A	CAMERA DSP P.C.BOARD	1	(RTL)
■ E10	VEP83606A	VTR CODEC P.C.BOARD	1	(RTL)
■ E11	VEP86332A	ECC SYSCON P.C.BOARD	1	(RTL)
■ E12	VEP84388A	CUE P.C.BOARD	1	(RTL)
■ E13	VEP85211A	RF EQ P.C.BOARD	1	(RTL)
■ E14	VEP82248A	SERVO P.C.BOARD	1	(RTL)
■ E15	VEP85210A	HEAD BUFF P.C.BOARD	1	(RTL)
■ E16	VEP21280A	CAMERA POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP21280A
■ E17	VEP81227A	VTR POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP81227A
■ E18	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
■ E19	VEP80C51A	INTERFACE P.C.BOARD	1	(RTL)
■ E20	VEP80C52A	REAR JACK P.C.BOARD	1	(RTL)
■ E21	VEP80C53A	L SIDE P.C.BOARD	1	(RTL)
■ E22	VEP80C54A	FRONT MIC P.C.BOARD	1	(RTL)
■ E23	VEP80C57A	FRONT SW P.C.BOARD	1	(RTL)
■ E24	VEP80C58A	MENU SW P.C.BOARD	1	(RTL)
■ E25	VEP80C59A	SYNCHRO P.C.BOARD	1	(RTL)
■ E26	VEP80C60A	FRONT VR P.C.BOARD	1	(RTL)
■ E27	VEP80C61A	USER P.C.BOARD	1	(RTL)
■ E28	VEP80C62A	TOGGLE P.C.BOARD	1	(RTL)
■ E29	VEP80C64A	HEADPHONE P.C.BOARD	2	(RTL)
■ E30	VEP80C71A	EXT DC P.C.BOARD	1	(RTL)
■ E31	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP20981A	CCD P.C.BOARD	1	(RTL)
C1-12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C13	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C100	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C101	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C102	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C103	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C104	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C105	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C106	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C107	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C108	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C109	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C111	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C112,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C116	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C122	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C123	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C124	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C125	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C126	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C127	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C128-30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C131	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C132	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C200	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C201	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C202	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C203	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C204	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C205	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C206	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C207	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C208	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C209	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C210	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C211	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C212,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C216	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C217	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C218-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C222	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C223	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C224	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C225	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C226	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C227	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C228-30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C231	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C232	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C300	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C301	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C302	EEUFC1C820	E.CAPACITOR 16V 82U	1	
C303	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C304	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C305	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C306	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C307	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C308	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C309	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C310	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C311	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C312,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
C316	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C317	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C318-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C322	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C323	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C324	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C325	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C326	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C327	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C328-30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C331	ECST1VX335Z	T.CAPACITOR CH 35V 3.3U	1	
C332	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
D100	MA142K	DIODE	1	
D103	MA142K	DIODE	1	
D200	MA142K	DIODE	1	
D203	MA142K	DIODE	1	
D300	MA142K	DIODE	1	
D303	MA142K	DIODE	1	
IC1	C0JBAC000252	IC	1	
IC2	C0JBAC000310	IC	1	
IC3	C0ZBZ0000718	IC	1	
IC4	C3EBHG000002	IC	1	
IC100,01	UPD16510GR	IC	2	
IC102	C0JBAA000319	IC	1	
IC103	C0JBAC000310	IC	1	
IC104	C0JBAC000267	IC	1	
IC200,01	UPD16510GR	IC	2	
IC202	C0JBAA000319	IC	1	
IC203	C0JBAC000310	IC	1	
IC204	C0JBAC000267	IC	1	
IC300,01	UPD16510GR	IC	2	
IC302	C0JBAA000319	IC	1	
IC303	C0JBAC000310	IC	1	
IC304	C0JBAC000267	IC	1	
L1-L4	J0JBC0000019	FILTER	4	
L100-02	J0JBC0000019	FILTER	3	
L200-02	J0JBC0000019	FILTER	3	
L300-02	J0JBC0000019	FILTER	3	
Q100	2SC39310YL	TRANSISTOR	1	
Q101	2SD1819A0L	TRANSISTOR	1	
Q200	2SC39310YL	TRANSISTOR	1	
Q201	2SD1819A0L	TRANSISTOR	1	
Q300	2SC39310YL	TRANSISTOR	1	
Q301	2SD1819A0L	TRANSISTOR	1	
R1	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R2-R5	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R6	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R7,R8	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	2	
R11-16	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R101	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R104,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R107	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R110	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R111	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R112,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R114,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R116	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R117	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R118	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R119	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R120	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R121	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R201	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R204,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R207	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R210	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R211	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R212,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R214,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R216	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R217	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R218	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R219	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R220	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R221	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R301	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R304,05	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	2	
R307	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R309	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R310	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R311	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R312,13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R314,15	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R316	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R317	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R318	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R319	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R320	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R321	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
		MISCELLANEOUS		
	VEE0W39	CCD SENSOR (B) CABLE	3	
	VGF0965	INSULATION SHEET	3	
■ E2	VEP20982A	DRIVE P.C.BOARD	1	(RTL)
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C2	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C5-C9	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C10	ECST1EY155	T.CAPACITOR CH 25V 1.5U	1	
C11	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C12-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C22,23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C100	EEUFC1E471	E.CAPACITOR 25V 470U	1	
C101	EEUFC1E102	E.CAPACITOR 25V 1000U	1	
C102,03	EEFCD0K330R	E.CAPACITOR 8V 33U	2	
C105	EEUFC0J561	E.CAPACITOR 6.3V 560U	1	
C107	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C108	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C109	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C115-18	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	4	
C119-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C127	EEUFC1H2R2	E.CAPACITOR 50V 2.2U	1	
C128	EEUFC1H100	E.CAPACITOR 50V 10U	1	
C129-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C133	EEUFC1E331	E.CAPACITOR 25V 330U	1	
C134	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C135	EEUFC1E101S	E.CAPACITOR 25V 100P	1	
C136	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C140	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C142-44	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C145	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C146	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C147-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C151	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C152	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C153	EEFCD1C8R2R	E.CAPACITOR 16V 8.2U	1	
C154	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C155	EEUFC1V820	E.CAPACITOR 35V 82P	1	
C156	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C157	EEUFC1E221	E.CAPACITOR 16V 220U	1	
D1	MA3J14300L	DIODE	1	
D2	MA121	DIODE	1	
D100	MA142K	DIODE	1	
D101,02	MA8062-MH	DIODE	2	
D104	MA8024	DIODE	1	
D105	MA3J14300L	DIODE	1	
D106	MA8180-M	DIODE	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
D107	MA8062-MH	DIODE	1	
D109	MA8024	DIODE	1	
IC1	AK9813AF	IC	1	
IC2	51957BFP	IC	1	
IC4	C0ABFB000012	IC	1	
IC5	C0ABCA000038	IC	1	
IC100	LM4040CIX2.5	IC	1	C0DBZFA00003
IC101,02	C0ABEB000023	IC	2	
IC104	C0ABEB000023	IC	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1,L2	J0JBC0000019	FILTER	2	
L100-08	VLP0321A300	FERRITE CORE	9	
P1	VJP4064P060	CONNECTOR (MALE)	1	
P2	K1MN50B00014	CONNECTOR	1	
Q100,01	2SC3734B24	TRANSISTOR	2	
Q102,03	2SB1073-R	TRANSISTOR	2	
Q105,06	2SB1073-R	TRANSISTOR	2	
Q107	2SD1119-R	TRANSISTOR	1	
Q109	2SB1073-R	TRANSISTOR	1	
R1-R3	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R4	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R5-R7	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9-11	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R12-14	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	3	
R15,16	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R17	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R18,19	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	2	
R21	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R22,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R24	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R26	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R27	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R28	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R29	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R30	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R31	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R32	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R33	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R34	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R35-37	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	3	
R38	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R39	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R40	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R41	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R42	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R43	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R44	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R45	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R46	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R47	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R48	ERJ3RBD623	M.RESISTOR CH 1/16W 62K	1	
R49	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R50	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R100	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R103-05	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	3	
R107	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R108	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R109	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R110	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R113,14	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R115	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R116	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R117	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R118	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R120	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R121,22	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R124	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R125	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R127	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R128	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R130	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
⚠ R131	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R132	ERJ3RBD823	M.RESISTOR CH 1/16W 82K	1	
R133	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R136,37	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	2	
R139,40	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R142	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R143,44	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R146	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R147	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
TG1	EYF6CU	TEST POINT	1	
■ E3	VEP20983A	PULSE P.C.BOARD	1	(RTL)
C1-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C14	ECST1VY334Z	T.CAPACITOR CH 35V 0.33U	1	
C15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C16,17	EEFCD0J470R	E.CAPACITOR 6.3V 47U	2	
C18-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C29-33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C34,35	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C36-38	ECST1AY106Z	T.CAPACITOR CH 10V 10U	3	
C39	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C40-43	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	4	
C100	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C103,04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C105	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C106	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C107	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C108	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C109	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C111	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C112	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C113	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C114	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C115	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C116	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C117	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C118,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C120,21	EEFCD0J470R	E.CAPACITOR 6.3V 47U	2	
C123,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C126	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C127	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C128	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C130	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C131	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C132	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C133	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C134	VCEA1ASS101	E.CAPACITOR 10V 100U	1	
C135	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C136,37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C138	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C139	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C141	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C142	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C143	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C144	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C145	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C146	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C147	EEFCD0J470R	E.CAPACITOR 6.3V 47U	1	
C148	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C149	ECST1AX226Z	T.CAPACITOR CH 10V 22U	1	
C150	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C151,52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C153	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	

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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C154	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C155	ECHU1C103JA	P.CAPACITOR 16V 0.01U	1	
C156-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C163	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C164	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C166,67	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
D100,01	MA8024	DIODE	2	
D102,03	MA8043-M	DIODE	2	
D104	MA142K	DIODE	1	
DL1	J1ZDA0000006	DELAY LINE	1	
DL2	J1ZEA0000001	DELAY LINE	1	
DL3	J1ZFA0000014	DELAY LINE	1	
DL4	J1ZEA0000006	DELAY LINE	1	
IC1	C1ZBZ0001789	IC	1	
IC2	C1ZBZ0001555	IC	1	
IC3	51957BFP	IC	1	
IC4	C0JBAA000174	IC	1	
IC5	C0JBAF000250	IC	1	
IC6,C7	C0JBAA000261	IC	2	
IC8	C0JBCA000066	IC	1	
IC14	C0JBAZ001120	IC	1	
IC15	C0JBAF000250	IC	1	
IC16-18	C0JBAA000261	IC	3	
IC19	C0JBCA000066	IC	1	
IC20	C0CBABC00060	IC	1	
IC100	LM4040CIX2.5	IC	1	C0DBZFA00003
IC101,02	C0ABEB000023	IC	2	
IC103	MB40768PF	IC	1	
IC104	C0ABAB000097	IC	1	
IC105	C3EBEG000042	IC	1	
IC106	XC62FP3302M	IC	1	C0CBABE00001
IC107	C0JBAM000045	IC	1	
IC108	TLC272CPW	IC	1	C0ABHA000022
IC109	74HC4046MTCX	IC	1	
IC110	NJU7061V	IC	1	
IC111	C0JBAB000350	IC	1	
IC112-15	C0JBAA000261	IC	4	
ID1	VVVSI4005	SOFTWARE	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1-L3	J0JBC0000019	FILTER	3	
L5,L6	J0JBC0000019	FILTER	2	
L8	J0JBC0000019	FILTER	1	
L11-16	J0JBC0000019	FILTER	6	
L18	J0JBC0000019	FILTER	1	
L100-07	J0JBC0000019	FILTER	8	
L109-12	J0JBC0000019	FILTER	4	
P1	VJP4064P060	CONNECTOR (MALE)	1	
P2	K1MN40A00004	CONNECTOR	1	
P3	K1KA08B00147	CONNECTOR (FEMALE)	1	
P4	526101690	CONNECTOR	1	K1MN16A00011
P5	K1MN14B00019	CONNECTOR	1	
P7	VJS4064K060E	CONNECTOR (FEMALE)	1	
Q100-02	2SB1073-R	TRANSISTOR	3	
Q103	2SD1119-R	TRANSISTOR	1	
Q104	2SA1532-B	TRANSISTOR	1	
R1-R3	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R4,R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6,R7	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R8	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R9	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R10,11	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	2	
R12	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R15	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R16	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R20	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R21-29	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	9	D0GB103JA002
R32	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R33	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R36	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R38	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R39	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R40,41	ERJ3RBD201	M.RESISTOR CH 1/16W 200	2	
R43	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R44	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R45	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R56	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R57,58	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	2	
R59	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R61	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R64	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R65,66	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R67	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R100	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R101,02	D1H84704A008	COMBI.R-R 47	2	
R103	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R104	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R105	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R106,07	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R108	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R109	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R110	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R111	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R112	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R113	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R114	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R116	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R117	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R118	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R119	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R120	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R121	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R122	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R123	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R124	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R125	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R126	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R127	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R128	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R129	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R130	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R131	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R132	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R133	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R134	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R135	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R136	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R137	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R139	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R140	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R142	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R143,44	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R145	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
⚠ R146	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R147	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R148	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R149	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R150	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
⚠ R151	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R152-56	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R159	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R160	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R163	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R166	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R167	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R168	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R169	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R171	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R173	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
TG1,G2	EYF6CU	TEST POINT	2	
TP6	EYF6CU	TEST POINT	1	
TP101,02	EYF6CU	TEST POINT	2	
U1	K4CA01000018	TERMINAL	1	
X100	H1C3605B0001	CRYSTAL OSCILLATOR	1	
■ E4	VEP23578A	PRE PROCESS P.C.BOARD	1	(RTL)
C101	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C102	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C104,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C106	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C107	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C108	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C109,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C111,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C113	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C114,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C116	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C117,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C120	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C121	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C122	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C129	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C130	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C131	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C133	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C134	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C135	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C136	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C137	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C138	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C140	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C141	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C142	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C143	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C144,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C146	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C147	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C149-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C162	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C163	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C164	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C166	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C168	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C175-77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C301	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C302	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C304,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C306	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C307	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C308	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C309,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C311,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C313	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C314,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C316	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C317,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C320	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C321	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C322	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C329	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C330	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C331	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C333	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C334	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C335	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C336	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C337	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C338	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C340	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C341	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C342	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C343	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C344,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C346	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C347	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C349-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C362	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C363	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C364	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C366	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C368	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C370	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C371,72	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C501	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C502	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C504,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C506	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C507	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C508	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C509,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C511,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C513	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C514,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C516	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C517,18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C520	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C521	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C522	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C529	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C530	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C531	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C533	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C534	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C535	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C536	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C537	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C538	ECJ1VC1H010C	C.CAPACITOR CH 50V 1P	1	
C540	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C541	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C542	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C543	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C544,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C546	ECUX1H1R5CCV	C.CAPACITOR CH 50V 1.5P	1	
C547	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C549-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C562	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C563	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C564	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C566	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C568	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C574-76	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C701,02	VCEA0JAP470	C.CAPACITOR 6.3V 47P	2	F2D0J4700001
C709,10	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C711,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C713,14	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C715,16	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C717-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C722	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C723	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C724	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C726-31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C734	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C779,80	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C781,82	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C783,84	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C785,86	ECST1CV476	E.CAPACITOR CH 16V 47M	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C787,88	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C789	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
D703,04	MA8024	DIODE	2	
D773,74	MA8024	DIODE	2	
FL101	J0E1805B0003	TRAP FILTER	1	
FL301	J0E1805B0003	TRAP FILTER	1	
FL501	J0E1805B0003	TRAP FILTER	1	
IC100	TC7W53F	IC	1	
IC101,02	C0ABEB000023	IC	2	
IC103	MC1495D	IC	1	
IC104	C1GB00000054	IC	1	
IC105	C0ABEB000023	IC	1	
IC106	C0ABAA000061	IC	1	
IC107	TC7W53F	IC	1	
IC108	C0ABAB000097	IC	1	
IC109	C0JBAS000075	IC	1	
IC110	C0ABEB000023	IC	1	
IC111	TC7W53F	IC	1	
IC113	C0ABAB000097	IC	1	
IC300	TC7W53F	IC	1	
IC301,02	C0ABEB000023	IC	2	
IC303	MC1495D	IC	1	
IC304	C1GB00000054	IC	1	
IC305	C0ABEB000023	IC	1	
IC306	C0ABAA000061	IC	1	
IC307	TC7W53F	IC	1	
IC308	C0ABAB000097	IC	1	
IC309	C0JBAS000075	IC	1	
IC310	C0ABEB000023	IC	1	
IC311	TC7W53F	IC	1	
IC313	C0ABAB000097	IC	1	
IC500	TC7W53F	IC	1	
IC501,02	C0ABEB000023	IC	2	
IC503	MC1495D	IC	1	
IC504	C1GB00000054	IC	1	
IC505	C0ABEB000023	IC	1	
IC506	C0ABAA000061	IC	1	
IC507	TC7W53F	IC	1	
IC508	C0ABAB000097	IC	1	
IC509	C0JBAS000075	IC	1	
IC510	C0ABEB000023	IC	1	
IC511	TC7W53F	IC	1	
IC513	C0ABAB000097	IC	1	
IC701	LM4040CIX2.5	IC	1	C0DBZFA00003
IC702	C0ABEB000023	IC	1	
IC703	AK9813AF	IC	1	
IC704-06	C0FBBG000037	IC	3	
IC707	C0ABFB000012	IC	1	
IC709	LM4040CIX2.5	IC	1	C0DBZFA00003
IC771	LM4040CIX2.5	IC	1	C0DBZFA00003
IC772	C0ABEB000023	IC	1	
J701-03	K4CD01000006	LUG TERMINAL	3	
L701	VLP0321A300	FERRITE CORE	1	
L702	J0JBC0000019	FILTER	1	
L703,04	VLP0321A300	FERRITE CORE	2	
L773,74	VLP0321A300	FERRITE CORE	2	
L776	VLP0321A300	FERRITE CORE	1	
P701	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057
P702	VJP4395D008	CONNECTOR (MALE)	1	
Q100	2SC4176	TRANSISTOR	1	B1ABDB000014
Q101,02	2SK508K512	TRANSISTOR	2	
Q103	2SC4176	TRANSISTOR	1	B1ABDB000014
Q104-06	2SA1610	TRANSISTOR	3	
Q107,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q109	2SA1610	TRANSISTOR	1	
Q300	2SC4176	TRANSISTOR	1	B1ABDB000014
Q301,02	2SK508K512	TRANSISTOR	2	
Q303	2SC4176	TRANSISTOR	1	B1ABDB000014

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q304-06	2SA1610	TRANSISTOR	3	
Q307,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q309	2SA1610	TRANSISTOR	1	
Q500	2SC4176	TRANSISTOR	1	B1ABDB000014
Q501,02	2SK508K512	TRANSISTOR	2	
Q503	2SC4176	TRANSISTOR	1	B1ABDB000014
Q504-06	2SA1610	TRANSISTOR	3	
Q507,08	2SC4176	TRANSISTOR	2	B1ABDB000014
Q509	2SA1610	TRANSISTOR	1	
Q708	2SB1073	TRANSISTOR	1	
Q709	2SD1119-R	TRANSISTOR	1	
Q778	2SB1073	TRANSISTOR	1	
Q779	2SD1119-R	TRANSISTOR	1	
QR702,03	UNR511200L	TRANSISTOR	2	
R100	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R101	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R102	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R103	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R104	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R105	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R107	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R108,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R110	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R111	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R112	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R113	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R115	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R116	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R118	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R119	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R121	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R122,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R124	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R125,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R127	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R128	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R129	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R131	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R132	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R133	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R134	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R136	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R137	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R138	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R139	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R141	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R144,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R147	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R148	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R149	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R150	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R151	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R152	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R153	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R154	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R155	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R157	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R158	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R159	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R160	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R161	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R162	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R163	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R164	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R166	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R172	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R175	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R176	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R177	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R178	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R179	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R180	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R183	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R187	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R189	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R193	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R195	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R197	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R198	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R203	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R205	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R206	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R207	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R208	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R214	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R215	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R300	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R301	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R302	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R303	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R304	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R305	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R307	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R308,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R310	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R311	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R312	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R313	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R315	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R316	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R318	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R319	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R321	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R322,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R324	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R325,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R327	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R328	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R329	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R331	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R332	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R333	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R334	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R336	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R337	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R338	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R339	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R341	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R344,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R347	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R348	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R349	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R350	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R351	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R352	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R353	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R354	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R355	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R357	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R358	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R359	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R360	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R361	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R362	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R363	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R364	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R366	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R372	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R375	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R376	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R377	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R378	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R379	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R380	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R383	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R387	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R389	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R393	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R395	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R397	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R398	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R403	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R405	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R406	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R407	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R408	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R411	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R412	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R500	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R501	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R502	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R503	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R504	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R505	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R507	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R508,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R510	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R511	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R512	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R513	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R515	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R516	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R518	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R519	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R521	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R522,23	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R524	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R525,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R527	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R528	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R529	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R532	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R533	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R534	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R536	ERJ3RBD181	M.RESISTOR CH 1/16W 180	1	
R537	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R538	ERJ3RBD241	M.RESISTOR CH 1/16W 240	1	
R539	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R541	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R544,45	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R547	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R548	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R549	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R550	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R551	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R552	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R553	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R554	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R555	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R557	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R558	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R559	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R560	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R561	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R562	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R563	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R564	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R566	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R572	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R575	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R576	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R577	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R578	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R579	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R580	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R583	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R587	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R589	ERJ3RBD391	M.RESISTOR CH 1/16W 390	1	
R593	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R595	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R597	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R598	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R603	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R605	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R606	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R607	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R608	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R611	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R612	ERJ3RBD431	M.RESISTOR CH 1/16W 430	1	
R721	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R723	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R724,25	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R726	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R727	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R728,29	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R730,31	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R732,33	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R734,35	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R736	EXB24V100J	COMBI.R-R 10	1	
R738	EXB24V100J	COMBI.R-R 10	1	
R740	EXB24V100J	COMBI.R-R 10	1	
R742,43	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R744	EXB24V473J	COMBI.R-R 47K	1	
R746	EXB24V473J	COMBI.R-R 47K	1	
R748	EXB24V473J	COMBI.R-R 47K	1	
R749	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R753	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R754	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R755	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R756	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R757	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R761	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R762	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R763	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R764	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R765	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R766	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R768-70	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	3	
R772	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R774	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R775	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R776-78	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	3	
R779	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R780	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R781-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R784	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R791	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R793	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R794,95	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R796	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R797	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R798,99	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R800,01	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R802,03	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R804	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R805	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
TG701	EYF6CU	TEST POINT	1	
TP101-03	EYF6CU	TEST POINT	3	
TP301-03	EYF6CU	TEST POINT	3	
TP501-03	EYF6CU	TEST POINT	3	
VR701,02	VRV0303B103	V.RESISTOR 10K	2	
■ E5	VEP25122A	PRE AMP P.C.BOARD	1	(RTL)
C101	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C103-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C107	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C108,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C110	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C111,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C115,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C119,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C123	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C128,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C132	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C133-36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C137	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C139	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C141	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C146	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C147,48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C149	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C150	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C201	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C203-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C207	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C208,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C210	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C211,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C215,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C219,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C223	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C228,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C232	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C232	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C233-36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C237	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C239	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C241	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C246	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C247,48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C249	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C250	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C301	ECST1VV106	E.CAPACITOR CH 35V 10M	1	
C303-05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C307	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C308,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C310	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C311,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C315,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C319,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C323	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C328,29	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
C332	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C333-36	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C337	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C339	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C341	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C346	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C347,48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C349	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C350	ECUX1H020CCV	C.CAPACITOR CH 50V 2P	1	
C407,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C409	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C410,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C413-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C417	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C420	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C421,22	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C423,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C425,26	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C427,28	ECST1CV476	E.CAPACITOR CH 16V 47M	2	
C429,30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C431,32	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
D401,02	MA8024	DIODE	2	
DL101	J1ZGA0000008	DELAY LINE	1	
DL201	J1ZGA0000008	DELAY LINE	1	
DL301	J1ZGA0000008	DELAY LINE	1	
FL101	VLF1483	FILTER	1	
FL201	VLF1483	FILTER	1	
FL301	VLF1483	FILTER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC101	C0ABAB000097	IC	1	
IC102	C0ABAA000061	IC	1	
IC103	TC7W53F	IC	1	
IC104	C0JBAS000075	IC	1	
IC105	C0ABEB000037	IC	1	
IC106	C0ABEB000023	IC	1	
IC107	C0ABAA000061	IC	1	
IC108	TC7W53F	IC	1	
IC109	C0ABAB000097	IC	1	
IC201	C0ABAB000097	IC	1	
IC202	C0ABAA000061	IC	1	
IC203	TC7W53F	IC	1	
IC204	C0JBAS000075	IC	1	
IC205	C0ABEB000037	IC	1	
IC206	C0ABEB000023	IC	1	
IC207	C0ABAA000061	IC	1	
IC208	TC7W53F	IC	1	
IC209	C0ABAB000097	IC	1	
IC301	C0ABAB000097	IC	1	
IC302	C0ABAA000061	IC	1	
IC303	TC7W53F	IC	1	
IC304	C0JBAS000075	IC	1	
IC305	C0ABEB000037	IC	1	
IC306	C0ABEB000023	IC	1	
IC307	C0ABAA000061	IC	1	
IC308	TC7W53F	IC	1	
IC309	C0ABAB000097	IC	1	
IC404	TC4W53FU	IC	1	
IC405	C0JBAS000075	IC	1	
IC406	AK9813AF	IC	1	
IC407-09	TC7SZ08F	IC	3	
IC410	LM4040CIX2.5	IC	1	C0DBZFA00003
IC411	C0ABEB000023	IC	1	
J401,02	VJR1094	TERMINAL	2	
J403,04	K4CD01000006	LUG TERMINAL	2	
L401	VLP0321A300	FERRITE CORE	1	
L402	J0JBC0000019	FILTER	1	
L403,04	VLP0321A300	FERRITE CORE	2	
L405-07	J0JBC0000019	FILTER	3	
P101	VJP4395C003	CONNECTOR (MALE)	1	
P201	VJP4395C003	CONNECTOR (MALE)	1	
P301	VJP4395C003	CONNECTOR (MALE)	1	
P401	VJS4064K060E	CONNECTOR (FEMALE)	1	
P402	VJP3808E040	CONNECTOR (MALE)	1	K1KA40A00101
Q101	2SC4176	TRANSISTOR	1	B1ABDB000014
Q102-07	2SA1610	TRANSISTOR	6	
Q109	2SC4176	TRANSISTOR	1	B1ABDB000014
Q110	2SA1610	TRANSISTOR	1	
Q112,13	2SA1610	TRANSISTOR	2	
Q114	2SC4176	TRANSISTOR	1	B1ABDB000014
Q201	2SC4176	TRANSISTOR	1	B1ABDB000014
Q202-07	2SA1610	TRANSISTOR	6	
Q209	2SC4176	TRANSISTOR	1	B1ABDB000014
Q210	2SA1610	TRANSISTOR	1	
Q212,13	2SA1610	TRANSISTOR	2	
Q214	2SC4176	TRANSISTOR	1	B1ABDB000014
Q301	2SC4176	TRANSISTOR	1	B1ABDB000014
Q302-07	2SA1610	TRANSISTOR	6	
Q309	2SC4176	TRANSISTOR	1	B1ABDB000014
Q310	2SA1610	TRANSISTOR	1	
Q312,13	2SA1610	TRANSISTOR	2	
Q314	2SC4176	TRANSISTOR	1	B1ABDB000014
Q401	2SB1073	TRANSISTOR	1	
Q402	2SD1119-R	TRANSISTOR	1	
R101	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R104	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R105	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R106,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R108	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R109	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R110	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R111	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R112	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R113	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R114,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R117	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R118,19	ERJ3RBD431	M.RESISTOR CH 1/16W 430	2	
R120	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R121,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R124	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R127	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R128	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R129	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R130-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R134	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R135	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R136	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R138	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R140	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R143	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R145	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R149	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R150	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R151	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R153	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R154	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R155	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R157,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R159	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R160	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R161	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R162	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R163	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R164	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R165,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R167	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R170	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R201	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R204	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R205	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R206,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R208	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R209	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R210	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R211	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R212	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R213	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R214,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R217	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R218,19	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R220	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R221,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R224	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R227	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R228	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R229	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R230-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R234	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R235	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R236	ERJ3RBD751	M.RESISTOR CH 1/16W 750	1	
R238	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R240	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R243	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R245	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R249	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R250	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R251	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R253	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R254	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R255	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R257,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R259	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R260	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R261	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R262	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R263	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R264	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R265,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R267	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R268	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R270	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R301	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R304	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R305	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R306,07	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R308	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R309	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R310	ERJ3RBD393	M.RESISTOR CH 1/16W 39K	1	
R311	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R312	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R313	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R314,15	ERJ3RBD271	M.RESISTOR CH 1/16W 270	2	
R317	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R318,19	ERJ3RBD221	M.RESISTOR CH 1/16W 220	2	
R320	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R321,22	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R324	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R327	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R328	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R329	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R330-32	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R334	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R335	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R336	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R338	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R340	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R343	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R345	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R349	ERJ3RBD302	M.RESISTOR CH 1/16W 3K	1	
R350	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R351	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R353	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R354	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R355	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R357,58	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R359	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R360	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R361	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R362	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	1	
R363	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R364	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	1	
R365,66	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R367	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R370	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R373	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R401	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R402,03	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R404-09	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	6	
R410	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R413,14	EXB24V100J	COMBI.R-R 10	2	
R416	EXB24V473J	COMBI.R-R 47K	1	
R418	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R420	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R425	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R426-28	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	3	
R430,31	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R438-40	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R454,55	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R459	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R460-62	ERJ3RBD101	M.RESISTOR CH 1/16W 100	3	
R463-65	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	3	
R466	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R467	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R468,69	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R470	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R471	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R472,73	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R474,75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R476,77	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R479	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R481	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R482	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
TG401	EYF6CU	TEST POINT	1	
TP102	EYF6CU	TEST POINT	1	
TP202	EYF6CU	TEST POINT	1	
TP302	EYF6CU	TEST POINT	1	
■ E6	VEP89140A	MOTHER P.C.BOARD	1	(RTL)
J1	K4CD01000006	LUG TERMINAL	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
P3	VJS4064K140E	CONNECTOR (FEMALE)	1	K1KAE0A00007
P4,P5	VJS4064K080E	CONNECTOR (FEMALE)	2	
P6	VJP3810E040	CONNECTOR (MALE)	1	K1KA40A00111
P7,P8	VJS3791D040	CONNECTER (FEMALE)	2	K1MN40B00003
P9	VJP4395A012	CONNECTOR (MALE)	1	
P10	VJP4395D012	CONNECTOR (MALE)	1	
P11	VJP4395D008	CONNECTOR (MALE)	1	
P12	VJP4395C006	CONNECTOR	1	
P13	VJP4395D005	CONNECTOR (MALE)	1	
P14	K1KA08B00147	CONNECTOR (FEMALE)	1	
P15	K1KA22B00004	CONNECTOR (MALE)	1	
P16	VJS3801B020	CONNECTOR (FEMALE)	1	
R1-10	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	10	
R11,12	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R13-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R17-19	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
		MISCELLANEOUS		
	VGQ7134	MINI RAIL	3	
	XTB26+8G	SCREW	3	
	XYN26+K5	SCREW	1	
	XSB2+6FX	SCREW	2	
	VMP7618	MOTHER EARTH ANGLE	1	
■ E7	VEP84386A	REAR AUDIO P.C.BOARD	1	(RTL)
C4201,02	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4205	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4206	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4207	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4208	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4209,10	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4213	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4214	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4215	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4216	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4217-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4251	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C4252	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4253-55	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	3	
C4256	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C4257,58	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C4259,60	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	
C4261,62	EEVHB1H100	E.CAPACITOR 50V 10U	2	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4263,64	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	
C4265	ECKF1H103ZF	C.CAPACITOR 50V 0.01U	1	
⚠ CB4251	VSQ0563	CIRCUIT BREAKER	1	K5JDJB000012
D4201-04	MA3J14300L	DIODE	4	
D4251	RK34	DIODE	1	B0JANE000005
IC4202	NJM2068MD	IC	1	C0ABBB000031
IC4204	NJM2068MD	IC	1	C0ABBB000031
IC4251,52	B1DHGD000013	TRANSISTOR	2	
IC4253,54	C0JBAD000151	IC	2	
L4251	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	1	
L4252,53	VLF1151A132	COIL	2	
L4254	ERJ12Y0R00	M.RESISTOR CH 1/2W 0	1	
L4255-57	VLF1151A132	COIL	3	
P4201	VJS3826C024	CONNECTOR (FEMALE)	1	
P4251	VJP4395C005	CONNECTOR (MALE)	1	
P4252	VJP4395D002	CONNECTOR (MALE)	1	
P4253	K1KA03A00008	CONNECTOR (MALE)	1	
P4254	K1KA02A00009	CONNECTOR (MALE)	1	
P4255	K1KA03A00008	CONNECTOR (MALE)	1	
P4256	K1KA02A00023	CONNECTOR (MALE)	1	
P4257	K1KA12A00261	CONNECTOR (MALE)	1	
P4258	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057
P4259	VJP4395C006	CONNECTOR	1	
P4260	VJP4395C003	CONNECTOR (MALE)	1	
Q4251,52	2SB1220-R	TRANSISTOR	2	
Q4253	2SD1819A-R	TRANSISTOR	1	
Q4254	2SD1821-R	TRANSISTOR	1	
Q4255	2SB1218A-R	TRANSISTOR	1	
QR4251-53	UNR521300L	TRANSISTOR	3	
R4201	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4202,03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4206-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R4209	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4210	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4211,12	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4213	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4214,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4219-21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R4222	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4223	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4224,25	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4251,52	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4254-57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R4258	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4259	ERJ6GEYJ1R0	M.RESISTOR CH 1/10W 1	1	
R4260	ERJ6GEYG104	M.RESISTOR CH 1/10W 100K	1	
R4261,62	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	2	
R4263	ERJ6GEYG151	M.RESISTOR CH 1/10W 150	1	
R4264,65	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	2	
R4266,67	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4268	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4269	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4270	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4271-73	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R4274-82	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
⚠ TH4251	VRT0152160	THERMISTOR	1	
		MISCELLANEOUS		
	VEE0U95	RF EARTH CABLE	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E8	VEP84385A	AUDIO LCD P.C.BOARD	1	(RTL)
B6201	BCR20H4	BUTTON BATTERY HOLDER	1	
C4001,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4003-06	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	4	F1K1C105A026
C4007-09	EEVHB1C470P	E.CAPACITOR 16V 47U	3	
C4010	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4011,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4013,14	ECUX1C224KBN	C.CAPACITOR CH 16V 0.22U	2	
C4015,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4017,18	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4019	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4020	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4021	ECUX1C473KBV	C.CAPACITOR CH 16V 0.047U	1	
C4022	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4023	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4024	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4025-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4101,02	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4103-06	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4107	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4108	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4111	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4112	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4113	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4114,15	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4116-19	EEVHB1C100	E.CAPACITOR 16V 10U	4	
C4120	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4121	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4123	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4124	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4125	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4126	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4127,28	EEVHP0J100	E.CAPACITOR 6.3V 10U	2	
C4129	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4130	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4131	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4132	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4133	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4134	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4135	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4136	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4137-40	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4141-44	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
C4201	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4202,03	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4204,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4206	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4207,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4209	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4210,11	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4212,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4214	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4215,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4217	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4218,19	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4220	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4221-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4225	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4226	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4227,28	ECUX1C273KBV	C.CAPACITOR CH 16V 0.027U	2	
C4229	ECUX1H153KBV	C.CAPACITOR CH 50V 0.015U	1	
C4230-33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4234	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4235-43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C4301,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4303	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4304,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4306	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4307,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4309	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4310,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4312	EEVHP0J470	E.CAPACITOR 6.3V 47U	1	
C4401	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4402,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4404	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4405	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4406	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4407	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4408-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4412	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4413,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4415	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4416	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4417	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4418	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4419-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C4501	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4502,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4504	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4505	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4506	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4507	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4508-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4512	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4513,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4515	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4516	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4517	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4518	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4519-22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4523-26	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
C4527	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4601	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4602	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4603	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4604	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4605	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4606	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4607	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4608	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4609	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4610	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4611	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4612	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4613	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4614	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4615	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4616-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4619	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4620	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4621	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4622	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4623	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4624	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4625,26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4627	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4628	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4629	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4630	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4631	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4632	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4633	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4634	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4635	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4636	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C4637	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4638	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4639	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4640	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4641	ECUX1H152KBV	C.CAPACITOR CH 50V 1500P	1	
C4642	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4643-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4646	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4647	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4648	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C4649	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4650-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C4701	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4702	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C4703	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4704	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4705	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C4706-08	EEVHP0J100	E.CAPACITOR 6.3V 10U	3	
C4709	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4710	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4711,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4714,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4716,17	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4718,19	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4720,21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4801,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4803	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4804,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4806	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4807,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4809,10	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4811,12	EEVHB1C470P	E.CAPACITOR 16V 47U	2	
C4813	EEVHP1C100	E.CAPACITOR 16V 10U	1	
C4814	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4815,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4817,18	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C4819-22	EEVHB1C470P	E.CAPACITOR 16V 47U	4	
C4823-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C4901	ECUX1H100DCV	C.CAPACITOR CH 50V 10P	1	
C4902	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4903	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4904	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4905	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C4906	EEVHB0J220	E.CAPACITOR 6.3V 22U	1	
C4907,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4909	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4910	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4911	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4912,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4914,15	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C4916,17	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4918	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4919	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4920	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4921	EEVHB1H1R0	E.CAPACITOR 50V 1U	1	
C4923	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C4924,25	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	2	F1K1C105A026
C4926-28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C4929	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4930	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C6001	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6003,04	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	2	
C6005-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C6008	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C6009	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6010,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6012	ECUX1H220JCV	C.CAPACITOR CH 50V 22P	1	
C6013	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6014,15	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	2	
C6016	EEVHB0J330	E.CAPACITOR 6.3V 33U	1	
C6018-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C6025,26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6028-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C6034	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6101-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C6202	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C6203	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6205,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6207	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6208	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6209	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6210,11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6212	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6213-17	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C6218,19	EEVHB0J470	E.CAPACITOR 6.3V 47U	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C6220,21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6223	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6501,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6510	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C6511	EEVHB0J470	E.CAPACITOR 6.3V 47U	1	
C6512,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6514-18	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	5	
C6519	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6522-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
D4001	MA3J14300L	DIODE	1	
D4002,03	MA142WA	DIODE	2	
D4401,02	MA142K	DIODE	2	
D4501,02	MA142K	DIODE	2	
D4701	MA142WA	DIODE	1	
D4801	MA142WA	DIODE	1	
D6001,02	MA142K	DIODE	2	
D6101	BR3902S	DIODE	1	B3AAA0000432
D6102-11	B3ACB0000103	LED	10	
D6112-27	MA142WK	DIODE	16	
D6202	MA142K	DIODE	1	
D6203	MA8150-H	DIODE	1	
D6204	MA704WK	DIODE	1	
D6501,02	MA142WA	DIODE	2	
D6503-05	MAZ80680KL	DIODE	3	
DP6101	L5AAAGE00002	DISPLAY	1	
FL4901	VLF1069	FILTER	1	G4ZZ00000278
IC4001	C0JBAS000075	IC	1	
IC4002	C0ABEB000034	IC	1	
IC4003	NJM2073M	IC	1	
IC4004	C0ABEB000034	IC	1	
IC4005	NJM386M	IC	1	C1BB00000134
IC4006	TVHT541FT	IC	1	
IC4101	C0JBAS000075	IC	1	
IC4102,03	UPC5022GA144	IC	2	C1ZBZ0001311
IC4104,05	NJM2068MD	IC	2	C0ABBB000031
IC4106,07	TVHT374FT	IC	2	
IC4201	TVHT374FT	IC	1	
IC4202	THC4052FT	IC	1	
IC4203	C0ABEB000034	IC	1	
IC4204	TC4W53FU	IC	1	
IC4205	THC4052FT	IC	1	
IC4206	C0ABEB000034	IC	1	
IC4207	TC4W53FU	IC	1	
IC4208	THC4052FT	IC	1	
IC4209	C0ABEB000034	IC	1	
IC4210	TC4W53FU	IC	1	
IC4211	THC4052FT	IC	1	
IC4212	C0ABEB000034	IC	1	
IC4213	TC4W53FU	IC	1	
IC4301	C0ABEB000034	IC	1	
IC4302	C0JBAS000075	IC	1	
IC4304	C0ABEB000034	IC	1	
IC4305	C0JBAS000075	IC	1	
IC4401	C0JBAA000261	IC	1	
IC4402	NJM2068MD	IC	1	C0ABBB000031
IC4403	C0ABBB000110	IC	1	
IC4404	TC4W53FU	IC	1	
IC4405	C0JBAA000261	IC	1	
IC4406	NJM2068MD	IC	1	C0ABBB000031
IC4407	C0ABBB000110	IC	1	
IC4408	TC4W53FU	IC	1	
IC4409	TVHT374FT	IC	1	
IC4501	C0JBAA000261	IC	1	
IC4502	C0JBAS000075	IC	1	
IC4503	NJM2068MD	IC	1	C0ABBB000031
IC4504	C0ABBB000110	IC	1	
IC4505	C0JBAA000261	IC	1	
IC4506	C0JBAS000075	IC	1	
IC4507	NJM2068MD	IC	1	C0ABBB000031
IC4508	C0ABBB000110	IC	1	
IC4509	TVHT541FT	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC4601,02	NJM2100MD	IC	2	
IC4603	C0FBZJ000003	IC	1	
IC4604	C0JBAS000075	IC	1	
IC4605	C0ABEB000034	IC	1	
IC4606	C0JBAZ000854	IC	1	
IC4607	C0JBAZ000279	IC	1	
IC4608,09	NJM2100MD	IC	2	
IC4610	C0FBZJ000003	IC	1	
IC4611	C0CBADD00003	IC	1	
IC4701	C0JBAS000075	IC	1	
IC4702,03	C0ABEB000034	IC	2	
IC4704	C0ABBB000124	IC	1	
IC4801	C0JBAS000075	IC	1	
IC4802,03	C0ABEB000034	IC	2	
IC4804,05	NJM4556AM	IC	2	C0ABBB000042
IC4806	THC4052FT	IC	1	
IC4901	C0JBAZ000854	IC	1	
IC4902	C0FBZH000011	IC	1	
IC4903	C0JBAS000075	IC	1	
IC4904,05	C0ABEB000034	IC	2	
IC4907	C1BB00000746	IC	1	
IC6001	C0EBE0000211	IC	1	
IC6002	TLCX04F	IC	1	
IC6003	C0JBAE000135	IC	1	
IC6004	C0JBAA000146	VHC	1	
IC6005	C0JBAE000135	IC	1	
IC6007	C0JBAH000074	IC	1	
IC6009,10	TVHT541FT	IC	2	
IC6011-13	C0JBAZ001121	IC	3	
IC6015	STK14C88N45	IC	1	C3ZAD0000015
IC6016	C0JBAN000140	IC	1	
IC6017	C0JBAE000135	IC	1	
IC6018	C1ZBZ0001318	IC	1	
IC6019	C0EBJ0000170	IC	1	
IC6101	C0JBAS000075	IC	1	
IC6102	UPD16431AGC	IC	1	C0HBA0000023
IC6202	C0BBBA000030	IC	1	
IC6203	C0CBABD00009	IC	1	
IC6204	AN77L09M	IC	1	
IC6205	C0CBADD00003	IC	1	
IC6206	C0CBABD00005	IC	1	
IC6207	XC62FP3502M	IC	1	C0CBABC00066
IC6501,02	C0JBAQ000080	IC	2	
IC6505	C0JBAZ001121	IC	1	
IC6506	TC7W08FU	IC	1	
IC6507	TC7S04FU	IC	1	
IC6508	C0JBAZ001121	IC	1	
ID6001	VVVSI4003	SOFTWARE	1	
IP6001	C2CBKJ000058	IC	1	
J6501,02	K4CD01000006	LUG TERMINAL	2	
L6501	VLQ0319K100	COIL 10UH	1	G1C100K00023
L6502	VLF1151A132	COIL	1	
L6503	VLF1147A241	FILTER	1	
P4301	VJP4395B006	CONNECTOR (MALE)	1	
P6501,02	VJS3801B040	CONNECTOR (FEMALE)	2	
P6503	VJP4395D010	CONNECTOR (MALE)	1	
P6504	VJP4395D003	CONNECTOR (MALE)	1	
P6505	VJP4395D005	CONNECTOR (MALE)	1	
P6506,07	VJP4395D004	CONNECTOR (MALE)	2	
P6508	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P6509	VJS3791B020	CONNECTOR (FEMALE)	1	
Q4001-04	2SD1979	TRANSISTOR	4	
Q4005	2SB1219-R	TRANSISTOR	1	
Q4101,02	2SD1819A-R	TRANSISTOR	2	
Q4103	2SD602A-S	TRANSISTOR	1	
Q4104	2SB710A-R	TRANSISTOR	1	
Q4401,02	2SD1979	TRANSISTOR	2	
Q4403	2SD1819A-R	TRANSISTOR	1	
Q4404	2SD1979	TRANSISTOR	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q4405,06	2SD1819A-R	TRANSISTOR	2	
Q4407,08	2SD1979	TRANSISTOR	2	
Q4409	2SD1819A-R	TRANSISTOR	1	
Q4410	2SD1979	TRANSISTOR	1	
Q4411,12	2SD1819A-R	TRANSISTOR	2	
Q4501,02	2SD1979	TRANSISTOR	2	
Q4503	2SD1819A-R	TRANSISTOR	1	
Q4504	2SD1979	TRANSISTOR	1	
Q4505,06	2SD1819A-R	TRANSISTOR	2	
Q4507,08	2SD1979	TRANSISTOR	2	
Q4509	2SD1819A-R	TRANSISTOR	1	
Q4510	2SD1979	TRANSISTOR	1	
Q4511,12	2SD1819A-R	TRANSISTOR	2	
Q4513	2SB1218A-R	TRANSISTOR	1	
Q4514	B1DHDC000023	TRANSISTOR	1	
Q4515	B1DFEC000004	TRANSISTOR	1	
Q4516	2SD1819A-R	TRANSISTOR	1	
Q4517	2SB1218A-R	TRANSISTOR	1	
Q4701-03	2SD1979	TRANSISTOR	3	
Q4801,02	2SD1979	TRANSISTOR	2	
Q4803	B1DHDC000023	TRANSISTOR	1	
Q4804	B1DFEC000004	TRANSISTOR	1	
Q6101,02	2SD602A-S	TRANSISTOR	2	
Q6201,02	2SD968-R	TRANSISTOR	2	
Q6203	B1DHDC000023	TRANSISTOR	1	
Q6501	XN0121300L	TRANSISTOR-RESISTOR	1	
Q6502	XN0460100L	TRANSISTOR-RESISTOR	1	
Q6503	2SB1218A-R	TRANSISTOR	1	
QR4001	UNR511300L	TRANSISTOR	1	
QR4002	UNR521300L	TRANSISTOR	1	
QR4003	UNR511300L	TRANSISTOR	1	
QR4004	UNR521300L	TRANSISTOR	1	
QR4401,02	UNR511300L	TRANSISTOR	2	
QR4403,04	UNR521300L	TRANSISTOR	2	
QR4405,06	UNR511300L	TRANSISTOR	2	
QR4407,08	UNR521300L	TRANSISTOR	2	
QR4501,02	UNR511300L	TRANSISTOR	2	
QR4503,04	UNR521300L	TRANSISTOR	2	
QR4505,06	UNR511300L	TRANSISTOR	2	
QR4507-09	UNR521300L	TRANSISTOR	3	
QR4801,02	UNR521300L	TRANSISTOR	2	
QR4803	UNR511300L	TRANSISTOR	1	
QR6101,02	UNR511300L	TRANSISTOR	2	
QR6202	UNR521300L	TRANSISTOR	1	
QR6501	UNR511300L	TRANSISTOR	1	
QR6502,03	UNR521300L	TRANSISTOR	2	
QR6504	UNR511300L	TRANSISTOR	1	
QR6505	UNR521300L	TRANSISTOR	1	
QR6506	UNR511300L	TRANSISTOR	1	
QR6507,08	UNR521300L	TRANSISTOR	2	
QR6510-17	UNR521300L	TRANSISTOR	8	
R4001	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R4002	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4003	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R4004	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4005,06	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R4007	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4009,10	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R4011,12	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R4013,14	ERJ6GEYJ4R7	M.RESISTOR CH 1/10W 4.7K	2	
R4015-22	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	8	
R4023,24	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4025,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4027	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4028,29	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R4030	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4031	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4032	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R4033	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4034	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R4035-38	ERJ6GEYJ150	M.RESISTOR CH 1/10W 15	4	
R4039	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4040,41	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4042,43	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4101	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4102	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4103	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4104	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4105	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4106,07	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4108-10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R4111,12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4113	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4114,15	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4116	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4117	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4118-22	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	5	
R4123	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4124	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4125	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4126	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R4127	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R4128,29	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R4201	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4202	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4203	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4204	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4205	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4206	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4207	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4208	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4209	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4210	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4211	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4212	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4213	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4214	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4215	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R4216	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R4301	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4302	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4303	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4304	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4401	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4402	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4403	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4404	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4405	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4406	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4407	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4408	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4409	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4410	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4411	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4412	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4414	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4415	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4416,17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4418	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4419	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4420	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4421	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4422	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4424	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4425	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4426	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4427	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4428	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4429	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R4430	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4431	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4432	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4433	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4434	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4435	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4436	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4437	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4438	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4439	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4440	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4441	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4442,43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4444	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4445	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4446	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4447	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4448	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4450	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4451	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4452	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4453,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4501	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4502	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4503	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R4504	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4505	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4506	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4507	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4508	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4509	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4510	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4511	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4512	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4513	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4514	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4515	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4516,17	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4518	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4519	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4520	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4521	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4522	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4524	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4525	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4526	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4527	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4528	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4529	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4530	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R4531	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4532	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4533	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4534	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4535	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4536	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4537	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4538	ERJ3RBD152	M.RESISTOR CH 1/16W 1.5K	1	
R4539	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4540	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4541	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R4542	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4543,44	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R4545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4546	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4547	ERJ3GEYJ155	M.RESISTOR CH 1/16W 1.5M	1	
R4548	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4549	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4551	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4552	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4553	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4554	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4555	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4556	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4557,58	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R4559	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4560,61	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	2	
R4601-06	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4607,08	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4609-14	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4615,16	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4617	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	1	
R4618	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4619	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4620	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4621	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4622	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4623	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4624,25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4626-31	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4632,33	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4634-39	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	6	
R4640,41	ERJ3RBD331	M.RESISTOR CH 1/16W 330	2	
R4642	ERJ3GEYJ4R7	M.RESISTOR CH 1/16W 4.7	1	
R4643,44	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R4701	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4702	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4703	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R4704	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4705	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4706	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R4707	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R4708	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R4709	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4710	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4711	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4712	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4713	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R4714	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R4715	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4716	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R4717	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R4718	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R4719	ERJ3RBD271	M.RESISTOR CH 1/16W 270	1	
R4720	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4721	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4722	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4723-25	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	3	
R4726	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4727	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4728	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4729	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R4730	ERJ3RED390	M.RESISTOR CH 1/16W 39	1	
R4731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4732-38	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	7	
R4739	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R4740	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4741	ERJ6GEYG220	M.RESISTOR CH 1/10W 22	1	D0GD220JA003
R4742	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4743,44	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4801	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4802	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4803	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4804	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4805	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4806	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4807	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4808	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4809-12	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	4	
R4813-15	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	3	
R4816	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4817	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4818	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4819	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4820,21	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R4823	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4824	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R4825	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4826	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4827	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4828	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4829	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4830	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4831-34	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	4	
R4835-37	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	3	
R4838	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	
R4839	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4840	ERJ14YJ220	M.RESISTOR CH 1/4W 22	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4841	ERJ3RED680	M.RESISTOR CH 1/16W 68	1	
R4842,43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4845	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R4846-48	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	3	
R4901	D1H84704A008	COMBI.R-R 47	1	
R4902	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R4903	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4904	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4905	ERJ3RBD121	M.RESISTOR CH 1/16W 120	1	
R4906	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4907	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R4908	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R4909	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R4910	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R4911	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4912	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4913	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4914	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R4915	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4916	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4918	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R4919	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R4920	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4922	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4923	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R4924	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4925	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4926	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R4927	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4928	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6001	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6002	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6003	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6004	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6006-08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6009-11	EXBV8V473J	COMBI.R-R 47K	3	
R6012	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6013-16	EXBV8V473J	COMBI.R-R 47K	4	
R6017	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6018,19	EXBV8V473J	COMBI.R-R 47K	2	
R6022	EXBV8V473J	COMBI.R-R 47K	1	
R6023	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6030-33	EXBV8V473J	COMBI.R-R 47K	4	
R6036	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6037	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6038,39	EXBV8V473J	COMBI.R-R 47K	2	
R6040	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6041	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6043	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6044	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6045	EXBV8V473J	COMBI.R-R 47K	1	
R6046	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6047	EXBV8V473J	COMBI.R-R 47K	1	
R6048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6050,51	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6055,56	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6057	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6101	EXBV8V473J	COMBI.R-R 47K	1	
R6102-05	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R6110	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6111,12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6114	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6115	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6116	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6117	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6118-21	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R6122,23	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	2	
R6124	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6125,26	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	2	
R6127	ERJ6GEYG181	M.RESISTOR CH 1/10W 180	1	
R6128,29	ERJ6GEYG331	M.RESISTOR CH 1/10W 330	2	
R6130,31	ERJ6GEYF561	M.RESISTOR CH 1/10W 560	2	
R6134	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6135	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6201	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R6202	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6205	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R6216	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6217,18	ERJ3GEYJ106	M.RESISTOR CH 1/16W 10M	2	
R6219	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6220	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R6221	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6222	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R6223	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R6224	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R6225	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6227-32	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	6	
R6501-04	EXBV8V473J	COMBI.R-R 47K	4	
R6505	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R6506	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6507,08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6509,10	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R6511,12	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6513	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6514-16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6517	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6518	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6520	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6521	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6522	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6523-25	EXBV8V473J	COMBI.R-R 47K	3	
R6529	EXBV8V473J	COMBI.R-R 47K	1	
R6530,31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6533	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6537	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6540	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6541-43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R6545	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6546,47	EXBV8V473J	COMBI.R-R 47K	2	
R6548	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6549	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6550	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6551,52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6553	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6554	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
SW4101	VSS0367-02B	SWITCH	1	
SW4701,02	VSS0367-02B	SWITCH	2	
SW6101	K0H1BA000443	SWITCH	1	
SW6102-04	VST0335	SWITCH	3	K0H1BA000373
SW6105	VSS0186	SWITCH	1	K0D112A00047
SW6106	K0H1BA000443	SWITCH	1	
SW6107	VSS0187	SWITCH	1	K0D113A00036
SW6109	VSS0186	SWITCH	1	K0D112A00047
SW6110-12	VSS0187	SWITCH	3	K0D113A00036
SW6113	VSS0186	SWITCH	1	K0D112A00047
SW6114	K0H1BA000443	SWITCH	1	
SW6115,16	VSS0187	SWITCH	2	K0D113A00036
SW6117	VSS0186	SWITCH	1	K0D112A00047
SW6118,19	VSS0187	SWITCH	2	K0D113A00036
SW6501	VST0335	SWITCH	1	K0H1BA000373
SW6502	VSP1005	SWITCH	1	K0H1BA000148
TG6201	EYF6CU	TEST POINT	1	
TG6501	EYF6CU	TEST POINT	1	
TP4601-06	EYF6CU	TEST POINT	6	
TP4701-04	EYF6CU	TEST POINT	4	
TP4901-03	EYF6CU	TEST POINT	3	
TP6001	EYF6CU	TEST POINT	1	
U6201	CR2032	BATTERY	1	
VC6001	ECRJA020E12	TRIMMER 20P	1	
VR4001	VRV0300	V.RESISTOR	1	D2BCC14Y0001
VR4002	VRV0080	V.RESISTOR	1	D2BCA14A0001
VR4301,02	VRV0080	V.RESISTOR	2	D2BCA14A0001
VR4401,02	EVM7JGA00B14	V.RESISTOR 10K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
VR4501,02	EVM7JGA00B14	V.RESISTOR 10K	2	
VR4801,02	EVM7JGA00B14	V.RESISTOR 10K	2	
VR4902	EVM7JGA00B54	V.RESISTOR 50K	1	
X6001	H0J614400002	CRYSTAL OSCILLATOR	1	
X6002	H0J327200038	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VGL0915	BACK LIGHT BASE	1	
	VMX1144	LED SPACER	1	
■ E9	VEP23577A	CAMERA DSP P.C.BOARD	1	(RTL)
C10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C11-13	ECUX1E223KBV	C.CAPACITOR CH 25V 0.023U	3	
C14-16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C100-02	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C103	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C104	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C105	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C106	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C107	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	1	
C108,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C111	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C112	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C114	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C115-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C120	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C122	EEVHP1E3R3	E.CAPACITOR 25V 3.3U	1	
C123	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C124	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C125-31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C133	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C134	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C135	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C136	ECHU1C104J	P.CAPACITOR 16V 0.1U	1	
C137	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C138	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C140	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C141	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C142	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C143	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C144,45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C146	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C147	ECUX1E105KBM	C.CAPACITOR CH 25V 1U	1	
C148	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C149	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C150	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C151-53	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C154	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C155-57	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C158	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C159	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C160	ECHU1C682J	P.CAPACITOR 16V 6800P	1	
C161	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C162-74	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C175	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C176,77	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C178,79	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C180-83	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C184,85	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C186	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C187,88	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C189	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C190	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C191	ECHU1C103JB5	P.CAPACITOR 16V 0.01U	1	
C192	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C201-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C214	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C215,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C217	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C218	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219,20	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	
C221	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C222-26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C250	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C251	ECST1CD686	T.CAPACITOR CH 16V 68U	1	
C252	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C255	ECST1CY475	T.CAPACITOR CH 16V 4.7U	1	
C256	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C257	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C258,59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C260	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C261-70	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C300-03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C304	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C305-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C310	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C311	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C312	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C313,14	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C350-52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C353	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C354,55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C356	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C358,59	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C361-66	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C367	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C368	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C369	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C370	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C371-76	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	6	
C401,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C403,04	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C405,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C409	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C412,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C414,15	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C417-21	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C422,23	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C425	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C427	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C429,30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C431,32	ECST1CX156Z	T.CAPACITOR CH 16V 15U	2	
C433,34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C437	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C440,41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C442,43	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C445-49	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C450,51	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C453	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C455	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C500,01	ECST1CC336R	T.CAPACITOR CH 16V 33U	2	
C502	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C503	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	1	
C505	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C506,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C508	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C509,10	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C511	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C512,13	ECST1CC336R	T.CAPACITOR CH 16V 33U	2	
C514,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C516	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C517	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C518,19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C520	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C521	ECST1AC336ZR	T.CAPACITOR CH 10V 33U	1	
C522	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C525	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C526	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C527,28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C529	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C530	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C531	ECST1CX156Z	T.CAPACITOR CH 16V 15U	1	
C532-34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C536	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C538	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C541,42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C543,44	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	2	
C546-50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C551,52	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C554	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C556	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C557	ECST1VY105Z	T.CAPACITOR CH 35V 1U	1	
C558	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C600	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C601	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C604-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C609	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C610-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C614	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C615-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C619,20	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C621	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C624	ECST0JY226	T.CAPACITOR CH6.3V 22U	1	
C625-32	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C634	ECST0JY226	T.CAPACITOR CH6.3V 22U	1	
C635-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C700	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C701-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	20	
C721	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C725-37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C738	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C739-43	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C744	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C745-47	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C750	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C751	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C752	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C753	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C754-63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C764	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C765-75	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	11	
C800,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C802,03	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C804,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C806	EEVHP1A100	E.CAPACITOR 10V 10U	1	
C807-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C811-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C815	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C816	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C817	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C818	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C819	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C822,23	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C824	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C825,26	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C827	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C828	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C829	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C830-32	ECUX1C333KBV	C.CAPACITOR CH 16V 0.033U	3	
C833,34	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C835	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C836	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C837	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C838	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C839	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C840	F1H1A184A028	C.CAPACITOR CH 10V 0.18U	1	
C841	ECUX1H183KBV	C.CAPACITOR CH 50V 0.018U	1	
C842	F1J0J475A006	C.CAPACITOR CH6.3V 1U	1	
C843	ECUX1A684KBV	C.CAPACITOR CH 10V 0.68U	1	
C844-47	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C849,50	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C852-54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C855	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C856	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C857	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C900	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C901	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C902,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C904	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C907-10	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C915,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C917,18	ECST1CX106Z	T.CAPACITOR CH 16V 10U	2	
C919,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C921	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C922	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C923	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C924	F1H0J105A002	C.CAPACITOR CH6.3V 1U	1	
C925	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C926	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C927	ECST1AX336	E.CAPACITOR 6.3V 120U	1	
C928-30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C931	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C934-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C939	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C940,41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C942,43	ECST1CY685Z	T.CAPACITOR CH 16V 6.8U	2	
C946,47	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C950,51	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C954,55	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
D100	MA3J14300L	DIODE	1	
D101	MA142K	DIODE	1	
D102,03	MA3J14300L	DIODE	2	
D104,05	MA8024	DIODE	2	
D201-03	MA8051-H	DIODE	3	
D204-07	MA3J14300L	DIODE	4	
D209	MA3J14300L	DIODE	1	
D300	MA3J14300L	DIODE	1	
D500-02	MA8024	DIODE	3	
FL400,01	VLF1483	FILTER	2	
FL500	VLF1483	FILTER	1	
FL800	J0E1355B0001	FILTER	1	
FL900-05	J0E1355B0001	FILTER	6	
IC10	C0JBAZ001591	IC	1	
IC11,12	C0EBB0000062	IC	2	
IC13	C0EBE0000211	IC	1	
IC14	C0JBAA000174	IC	1	
IC100	C0JBAZ001437	IC	1	
IC101,02	C0JBAZ001605	IC	2	
IC103	TC4W53FU	IC	1	
IC104	NJM082BV	IC	1	
IC105	TC4W53FU	IC	1	
IC106	NJM360M	IC	1	C0BBZB000001
IC107	TC4W53FU	IC	1	
IC108	C1AB00000234	IC	1	
IC109	C0JBAA000261	IC	1	
IC110	C0JBAA000174	IC	1	
IC111	NJM082BV	IC	1	
IC112	NJM360M	IC	1	C0BBZB000001
IC113	XC62FP3302M	IC	1	C0CBABE00001
IC114	C0JBAD000151	IC	1	
IC115	C0JBAA000261	IC	1	
IC116	C0JBAB000350	IC	1	
IC117	C0JBAZ001605	IC	1	
IC118	TLC272CPW	IC	1	C0ABHA000022
IC119	C0JBAM000045	IC	1	
IC120	NJM082BV	IC	1	
IC121	74HC4046MTCX	IC	1	
IC122	XC62FP3302M	IC	1	C0CBABE00001
IC123	C0JBAA000174	IC	1	
IC124	TC74HC4052AF	IC	1	
IC125	C0CBABC00061	IC	1	
IC126	NJM082BV	IC	1	
IC127	C0JBAB000422	IC	1	
IC128	C0JBAB000350	IC	1	
IC129,30	C0JBAA000261	IC	2	
IC131-33	C0JBAA000174	IC	3	
IC134	C0JBAZ001671	IC	1	
IC201	FST3253MTC	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC202	C0ABCA000038	IC	1	
IC203	HD64F2633TE	IC	1	
IC204	TLCX00FT	IC	1	
IC205	C0JBAA000014	IC	1	
IC206	C0JBAZ001647	IC	1	
IC207	C0JBAA000174	IC	1	
IC251	TVHT541FT	IC	1	
IC252	C0JBAA000146	VHC	1	
IC253,54	TLCX16244A	IC	2	
IC255	C3ZBF0000011	IC	1	
IC256	C3FBPG000005	IC	1	
IC257	C3BBKG000023	IC	1	
IC300	AD7896AR	IC	1	
IC301	C0JBAZ001647	IC	1	
IC302,03	C0ABBA000075	IC	2	
IC304	C0FBBG000037	IC	1	
IC305	XC62FP5002M	IC	1	
IC306	C0CBBDC00005	IC	1	
IC307	XC62FP5002M	IC	1	
IC350,51	C0JBAZ000852	IC	2	
IC352	C3BBKG000023	IC	1	
IC353	C0CBABC00060	IC	1	
IC354,55	C0FBBD000036	IC	2	
IC400,01	C0ABAB000097	IC	2	
IC402	C0ABBZ000019	IC	1	
IC403	C0FBAG000034	IC	1	
IC404,05	C0ABAB000097	IC	2	
IC406	C0ABBZ000019	IC	1	
IC407	C0FBAG000034	IC	1	
IC501,02	LM4040CIX2.5	IC	2	C0DBZFA00003
IC503	C0FBBG000037	IC	1	
IC504,05	C0ABAB000097	IC	2	
IC506	C0FBBG000037	IC	1	
IC507	C0FBAG000034	IC	1	
IC508	C0ABBZ000019	IC	1	
IC509	C0ABBA000063	IC	1	
IC510	C0ABFB000012	IC	1	
IC511,12	C0ABEB000037	IC	2	
IC513	C0JBAA000261	IC	1	
IC600	C1ZBZ0002263	IC	1	
IC601	C0JBAZ001907	IC	1	
IC602	C0JBAA000233	IC	1	
IC603-05	C3ABRG000011	IC	3	
IC606	C1ZBZ0001555	IC	1	
IC700	MB87J1220	IC	1	
IC725	C1AB00001751	IC	1	
IC726	C0CBAAC00147	IC	1	
IC750	C1ZBZ0002221	IC	1	
IC751	C3FBMD000050	IC	1	
IC800	C0JBAF000414	IC	1	
IC801	C0JBCA000066	IC	1	
IC802	TC4W53FU	IC	1	
IC803	AD8055AR	IC	1	C0ABGB000013
IC804	C0CBABD00005	IC	1	
IC805	C1AB00001712	IC	1	
IC806	C0JBAC000267	IC	1	
IC808	C3HBKG000002	IC	1	
IC900,01	AD8056AR	IC	2	C0ABBB000156
IC902	C0FBBG000036	IC	1	
IC903,04	C0CBABD00005	IC	2	
IC905	C0ZBZ0000633	IC	1	
IC906	C0FBBF000041	IC	1	
IC907	AD8055AR	IC	1	C0ABGB000013
IC908	ADV7123KST50	IC	1	C0FBBF000020
IC909-11	AD8055AR	IC	3	C0ABGB000013
ID203	VVVSI3997	SOFTWARE	1	
ID256A	VVVSI3998	SOFTWARE	1	
ID256B	VVVSI3999	SOFTWARE	1	
ID600	VVVSI4006	SOFTWARE	1	
ID750	VVVSI4007	SOFTWARE	1	
ID751	VVVSI4000	SOFTWARE	1	
J2	K4CD01000006	LUG TERMINAL	1	
J4	K4CD01000006	LUG TERMINAL	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
J10	VJP4131	CONNECTOR (MALE)	1	K1QZB1AD0003
L10	VLF1151A132	COIL	1	
L11-14	J0JBC0000019	FILTER	4	
L16	J0JBC0000041	FILTER	1	
L100-02	J0JBC0000019	FILTER	3	
L103	G1C221J00003	COIL 220UH	1	
L104	G1C470J00001	COIL 47UH	1	
L105-25	J0JBC0000019	FILTER	21	
L201-06	J0JBC0000019	FILTER	6	
L250	J0JBC0000019	FILTER	1	
L254-59	J0JBC0000019	FILTER	6	
L300-05	J0JBC0000019	FILTER	6	
L306	J0JHC0000034	FILTER	1	
L350-53	J0JBC0000019	FILTER	4	
L356-59	J0JBC0000019	FILTER	4	
L400,01	J0JBC0000019	FILTER	2	
L403,04	J0JBC0000019	FILTER	2	
L500-02	J0JHC0000034	FILTER	3	
L504,05	J0JBC0000019	FILTER	2	
L507-09	J0JBC0000019	FILTER	3	
L600-05	J0JBC0000019	FILTER	6	
L700,01	J0JCC0000119	FILTER	2	
L725	J0JCC0000119	FILTER	1	
L750-52	J0JBC0000019	FILTER	3	
L800,01	J0JBC0000019	FILTER	2	
L802-04	J0JCC0000119	FILTER	3	
L806	J0JBC0000019	FILTER	1	
L807	J0JCC0000119	FILTER	1	
L808	G1C470J00001	COIL 47UH	1	
L900-06	J0JBC0000019	FILTER	7	
P1	VJS4064N160E	CONNECTOR (FEMALE)	1	K1KAG0A00006
P2	VJS3978C100A	CONNECTOR (FEMALE)	1	
P3	VJS3806E120	CONNECTOR (FEMALE)	1	K1KBC0A00019
P10	K1MN40B00022	CONNECTOR	1	
P11	VJS3791B020	CONNECTOR (FEMALE)	1	
P12	K1KA08B00147	CONNECTOR (FEMALE)	1	
P13	VJP4395D008	CONNECTOR (MALE)	1	
P14	VJP4395D014	CONNECTOR (MALE)	1	
P15	VJS3801B020	CONNECTOR (FEMALE)	1	
P16	VJP3358C012	CONNECTOR (MALE)	1	K1KA12A00138
P17	VJP3125B012	CONNECTOR (MALE)	1	
Q100,01	2SD1819ALL	TRANSISTOR	2	
Q102	2SB1218A-R	TRANSISTOR	1	
Q103,04	2SD1819ALL	TRANSISTOR	2	
Q105	2SA1532-B	TRANSISTOR	1	
Q106,07	B1DHDC000023	TRANSISTOR	2	
Q108	B1DFEC000004	TRANSISTOR	1	
Q109	2SB1218A-R	TRANSISTOR	1	
Q350-55	2SC4176	TRANSISTOR	6	B1ABDB000014
Q500	2SB1073	TRANSISTOR	1	
Q501	2SD1119-R	TRANSISTOR	1	
Q502	2SB1073	TRANSISTOR	1	
Q800	2SD1819ALL	TRANSISTOR	1	
Q801	2SB1218A-R	TRANSISTOR	1	
Q802	B1DHDC000023	TRANSISTOR	1	
Q803	B1DFEC000004	TRANSISTOR	1	
Q804,05	2SD1819ALL	TRANSISTOR	2	
Q900	2SB1218A-R	TRANSISTOR	1	
Q901	B1DHDC000023	TRANSISTOR	1	
Q902	B1DFEC000004	TRANSISTOR	1	
QR100,01	UNR521300L	TRANSISTOR	2	
QR300-02	UNR521300L	TRANSISTOR	3	
QR800	UN5217	TRANSISTOR-RESISTOR	1	
QR900	UNR521300L	TRANSISTOR	1	
R1	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4,R5	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6-R9	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R11	EXBV8V473J	COMBI.R-R 47K	1	
R12,13	EXBV8V101J	COMBI.R-R 100	2	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R15,16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R17	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R18,19	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R20-22	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R23	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R25	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R26-29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R34	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R35	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R36	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R37	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R38	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R39	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R40	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R41	EXBV8V473J	COMBI.R-R 47K	1	
R43	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R44	EXBV8V473J	COMBI.R-R 47K	1	
R45-48	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	4	
R49,50	EXBV8V101J	COMBI.R-R 100	2	
R51	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R52	EXBV8V473J	COMBI.R-R 47K	1	
R60	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R61	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R62	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R63,64	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R66	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R67-70	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	4	
R72	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R73	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R74	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R76,77	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R78,79	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R80	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R81,82	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R84,85	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	2	
R86	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R87	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R88	ERJ3RED224	M.RESISTOR CH 1/16W 220K	1	
R89,90	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R91	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R92,93	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R94,95	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R96	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R97	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R98	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R101	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R102	ERJ3RED184	M.RESISTOR CH 1/16W 180K	1	
R103,04	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	2	
R106	ERJ3RBD822	M.RESISTOR CH 1/16W 8.2K	1	
R108	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R109-11	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R112	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R113	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R123	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R124	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R125	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R126	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R129	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R130	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R132	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R134	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R136	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R137	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	1	
R138	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R139	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R140	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R141	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R143	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R144	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R145	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R147	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R148	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R149	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R150	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R151	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
⚠ R152	ERJ3RBD363	M.RESISTOR CH 1/16W 36K	1	
R153-56	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	4	
R157	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R159	ERJ3RBD622	M.RESISTOR CH 1/16W 6.2K	1	
R160	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R161	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R162	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R163,64	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R165	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R166	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R167-80	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	14	
R181	ERJ3RED105	M.RESISTOR CH 1/16W 1M	1	
R184	ERJ3RED124	M.RESISTOR CH 1/16W 120K	1	
R185	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R202	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R203-06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R207	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R210	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R211	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R212-14	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	3	
R216	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R217-19	ERJ3RBD203	M.RESISTOR CH 1/16W 20K	3	
R222,23	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R224	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R226,27	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R228	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R230,31	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R232	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R233,34	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R235-38	ERJ3RBD101	M.RESISTOR CH 1/16W 100	4	
R239-43	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	5	
R245-47	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	3	
R248,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R250	ERJ3GEYJ302	M.RESISTOR CH 1/16W 3K	1	
R251	ERJ3GEYJ201	M.RESISTOR CH 1/16W 200	1	
R253,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R255	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R256,57	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R258	EXBV8V473J	COMBI.R-R 47K	1	
R259	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R260	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R261	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R262	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R272,73	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R276	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R278-82	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R283	EXBV8V473J	COMBI.R-R 47K	1	
R284,85	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R286-91	D1H84704A008	COMBI.R-R 47	6	
R292	ERJ3RED470	M.RESISTOR CH 1/16W 47	1	
R293,94	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R300,01	EXBV8V473J	COMBI.R-R 47K	2	
R302	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R303	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R304	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R305,06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R307	D1H8R0040001	COMBI.R-R 0	1	
R308	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R309-13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R314-16	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	3	
R317	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R318	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R322	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R323-31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	9	
R350	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R351	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R352-55	EXBV8V101J	COMBI.R-R 100	4	
R359-62	EXBV8V473J	COMBI.R-R 47K	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R363,64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R365,66	ERJ3RBD163	M.RESISTOR CH 1/16W 16K	2	
R367,68	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	2	
R369-72	ERJ3RBD511	M.RESISTOR CH 1/16W 510	4	
R373-78	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	6	
R379	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R380-82	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	3	
R383,84	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	2	
R385-90	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	6	
R391-96	ERJ3RBD101	M.RESISTOR CH 1/16W 100	6	
R401,02	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R404,05	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R406	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R407	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R408	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R409	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R410	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R411	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R412	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R414	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R415	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R416	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R418-22	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R424-26	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R427,28	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R429	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R430	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R431-33	D1H84704A008	COMBI.R-R 47	3	
R435,36	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R438,39	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R440	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R441	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R442	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R443	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R444	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R445	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R446	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R448	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R449	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R450	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R452-56	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R458-60	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R461,62	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R463	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R464	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R465-67	D1H84704A008	COMBI.R-R 47	3	
R469	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R471	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R500	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R501	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R502	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R503	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R504,05	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	2	
R507	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R508	ERJ3RED100	M.RESISTOR CH 1/16W 10	1	
R509	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R510,11	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	2	
R512,13	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	2	
R514,15	ERJ3RBD101	M.RESISTOR CH 1/16W 100	2	
R516,17	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	2	
R520	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R522	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R524	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R525	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R526	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R527	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R528	ERJ3RBD101	M.RESISTOR CH 1/16W 100	1	
R529	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R534	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R535	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R536	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R537	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R538	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R539	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R540	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R541	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R542	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R543	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R544	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R545	ERJ3RED560	M.RESISTOR CH 1/16W 56	1	
R546	ERJ3RBD331	M.RESISTOR CH 1/16W 330	1	
R547	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R549	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R551	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R553	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R554	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R556	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R557	ERJ3RBD433	M.RESISTOR CH 1/16W 43K	1	
R558	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R561-65	ERJ3RBD751	M.RESISTOR CH 1/16W 750	5	
R567-69	ERJ3RBD751	M.RESISTOR CH 1/16W 750	3	
R570,71	ERJ3RED560	M.RESISTOR CH 1/16W 56	2	
R572	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R573	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R574-76	D1H84704A008	COMBI.R-R 47	3	
R577,78	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R580	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R581	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R585	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R600	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R602	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R603,04	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R605-07	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R610-14	D1H84704A008	COMBI.R-R 47	5	
R615,16	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R617,18	D1H84704A008	COMBI.R-R 47	2	
R619	EXBV8V473J	COMBI.R-R 47K	1	
R620-25	D1H84704A008	COMBI.R-R 47	6	
R626,27	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R628,29	D1H84704A008	COMBI.R-R 47	2	
R630	EXBV8V473J	COMBI.R-R 47K	1	
R631	D1H84704A008	COMBI.R-R 47	1	
R632,33	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R634-40	D1H84704A008	COMBI.R-R 47	7	
R641	EXBV8V473J	COMBI.R-R 47K	1	
R642	D1H84704A008	COMBI.R-R 47	1	
R643-45	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R647,48	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R649,50	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R651,52	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R653	EXBV8V102J	COMBI.R-R 1K	1	
R654	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R700,01	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	2	
R703	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R704	EXBV8V102J	COMBI.R-R 1K	1	
R705	EXBV8V473J	COMBI.R-R 47K	1	
R706	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R707	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R709	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R710	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R712-15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R717	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R718,19	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R726	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R727-30	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	4	
R731	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R732	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R733	EXBV8V102J	COMBI.R-R 1K	1	
R750-52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R755-58	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R779	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R800	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R801	ERJ3RED750	M.RESISTOR CH 1/16W 75	1	
R803	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R804	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R805	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R806	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R807	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R808	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R809	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R810	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R811,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R813	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
R814	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R816	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R819	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R820	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	1	
R821,22	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R823	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R824	ERJ3GEYJ621	M.RESISTOR CH 1/16W 620	1	
R825	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R828	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R829,30	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R832	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R833	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R834	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R835	ERJ3RBD133	M.RESISTOR CH 1/16W 13K	1	
R836	ERJ3GEYJ565	M.RESISTOR CH 1/16W 5.6M	1	
R837	ERJ3RBD912	M.RESISTOR CH 1/16W 9.1K	1	
R838	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R839	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R840	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R841	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R842	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R843	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R844	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R846	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R848,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R851	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R852	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R900-03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R904	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R905	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R906	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R907	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R908	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R909	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R910	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R911	ERJ3RBD202	M.RESISTOR CH 1/16W 2K	1	
R912-15	ERJ3RED270	M.RESISTOR CH 1/16W 27	4	
R916-19	ERJ3RBD331	M.RESISTOR CH 1/16W 330	4	
R920-23	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R924,25	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R926,27	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	2	
R928,29	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R932	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R935-37	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	3	
R938-43	ERJ3RBD151	M.RESISTOR CH 1/16W 150	6	
R944	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R945	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R946	ERJ3RED620	M.RESISTOR CH 1/16W 62	1	
R947	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R948	ERJ3RED820	M.RESISTOR CH 1/16W 82	1	
R949	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R950	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R951	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R953	ERJ3RBD513	M.RESISTOR CH 1/16W 51K	1	
R954	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R955	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R956,57	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R958	ERJ3RED620	M.RESISTOR CH 1/16W 62	1	
R959	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R960,61	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R962-64	ERJ3RED820	M.RESISTOR CH 1/16W 82	3	
R965	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R966	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R967-69	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R970	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R971	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R972	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R974	ERJ3RBD752	M.RESISTOR CH 1/16W 7.5K	1	
R975	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R976	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	1	
R977,78	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R979	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R980	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R981	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R983	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R984	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R985	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R987,88	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
R989	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R990	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R991	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R993	ERJ3RBD362	M.RESISTOR CH 1/16W 3.6K	1	
R994	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R995	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R997,98	ERJ3RBD151	M.RESISTOR CH 1/16W 150	2	
SW201	VSS0342	SWITCH	1	K0D112B00056
SW300	VSS0367-04B	SWITCH	1	
TG1,G2	EYF6CU	TEST POINT	2	
TP100,01	EYF6CU	TEST POINT	2	
TP110	EYF6CU	TEST POINT	1	
TP201,02	EYF6CU	TEST POINT	2	
TP400,01	EYF6CU	TEST POINT	2	
TP500	EYF6CU	TEST POINT	1	
TP716,17	EYF6CU	TEST POINT	2	
VR900,01	VRV0303B201	V.RESISTOR 200	2	
X100	H1C3545B0001	CRYSTAL OSCILLATOR	1	
X101	H1D2705B0001	CRYSTAL OSCILLATOR	1	
X102	H1C3605B0001	CRYSTAL OSCILLATOR	1	
X201	VSX0821	CRYSTAL OSCILLATOR	1	H0J160500014
X800	H1C2705B0014	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VSC5521	DSP SHIELD CASE	1	
	VSC5522	DSP SHIELD PLATE	1	
■ E10	VEP83606A	VTR CODEC P.C.BOARD	1	(RTL)
C3002	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3004,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3007-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3012	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3013,14	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C3017	EEFCD0K330R	E.CAPACITOR 8V 33U	1	
C3018-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3024,25	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C3026,27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3028	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C3029-41	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	13	
C3042	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C3043	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3044-61	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	18	
C3062	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C3063	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C3064-72	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C3089-93	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
FL3001	J0HAAC000013	FILTER	1	
IC3002	C0CBADD00003	IC	1	
IC3003	TC7W241FU	IC	1	
IC3004	C0JBAA000261	IC	1	
IC3005	C0JBAA000146	VHC	1	
IC3006	C0JBAA000174	IC	1	
IC3007,08	C0JBAA000261	IC	2	
IC3009	C0ZBZ0000363	IC	1	
IC3010,11	C0JBAZ001907	IC	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3012,13	C0JBAA000261	IC	2	
IC3014	C0JBAA000174	IC	1	
IC3015,16	C0JBAZ001591	IC	2	
IC3017,18	C0JBAA000261	IC	2	
IC3019,20	C0JBAZ001591	IC	2	
IC3021,22	C0JBAA000261	IC	2	
IC3023	C3ABQG000045	IC	1	
IC3024	C1ZBZ0002144	IC	1	
IC3025	C0CBAAD00023	IC	1	
IC3026	MS51V8221-3G	IC	1	
IC3027	MN673797A	IC	1	
IC3031	C1ZBZ0001454	IC	1	
ID3024	VVVSI4009	SOFTWARE	1	
L3001	VLF1151A132	COIL	1	
L3002-20	J0JCC0000119	FILTER	19	
L3021-36	VLF1147A680	FILTER	16	
P3001	VJP3808E120	CONNECTOR (MALE)	1	K1KAC0A00012
P3002	VJP3125B012	CONNECTOR (MALE)	1	
R3001-03	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R3004	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R3008,09	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3010,11	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3012	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R3013-17	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3019,20	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3023	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3024	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R3025	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R3026-29	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3030,31	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3032-34	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3035,36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3038	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3039-43	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3050	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3052	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3053	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3055	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3056	D1H847240002	COMBI.R-R 4.7K	1	
R3057	EXB24V103J	COMBI.R-R 10K	1	
R3058,59	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3060	EXB24V473J	COMBI.R-R 47K	1	
R3061,62	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3063,64	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3065,66	EXBV8V101J	COMBI.R-R 100	2	
R3067-69	EXB24V473J	COMBI.R-R 47K	3	
R3070,71	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3072,73	D1H847240002	COMBI.R-R 4.7K	2	
R3074,75	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3095	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW3001	VSS0367-04B	SWITCH	1	
TG3007	EYF6CU	TEST POINT	1	
TP3035,36	EYF6CU	TEST POINT	2	
		MISCELLANEOUS		
	XYN26+J4	SCREW	4	
	VMS6135	P.C.B. POST (26SP-6)	4	
■ E11	VEP86332A	ECC SYSCON P.C.BOARD	1	(RTL)
C1-C6	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C7,C8	ECST1AY106Z	T.CAPACITOR CH 10V 10U	2	
C9-11	ECST1CX106Z	T.CAPACITOR CH 16V 10U	3	
C12-19	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
C3002,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3005	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1	
C3006	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3007	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C3008	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3009	ECUX1A224KBV	C.CAPACITOR CH 10V 0.22U	1	
C3010	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3011	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	1	
C3012	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3013	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C3014-20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	7	
C3021	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3022-27	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C3029,30	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3031	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C3102-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3107,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3109	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C3110	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C3111	ECUX1H070DCV	C.CAPACITOR CH 50V 7P	1	
C3112-15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3116	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3118-29	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	12	
C3130	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3201-09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	9	
C3210	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C3211-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3501-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C3506-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C3511,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3514-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C6002	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6005	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6006-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C6009	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6010	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C6011	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C6012-37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	26	
C6038	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6039-42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C6043	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6044	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6045	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C6046	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C6047,48	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6201-05	VCK0152	C.CAPACITOR	5	F1L1C1060016
C6206,07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C6208	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6209	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6210	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6211	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C6212	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C6213	ECUX1H561JCV	C.CAPACITOR CH 50V 560P	1	
C6214	ECUX1H821JCV	C.CAPACITOR CH 50V 820P	1	
C6215	ECUX1H120JCV	C.CAPACITOR CH 50V 12P	1	
C6216	VCK0152	C.CAPACITOR	1	F1L1C1060016
C6217-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	8	
D6001	MA3J14300L	DIODE	1	
D6003-07	MA3J14300L	DIODE	5	
D6008-11	MA142K	DIODE	4	
D6012	MA3J14300L	DIODE	1	
D6013	MA142K	DIODE	1	
D6201-04	MA3X15700L	DIODE	4	
IC1	C0JBAZ001591	IC	1	
IC3002,03	C1ZBZ0001555	IC	2	
IC3004	C0JBAA000261	IC	1	
IC3101	C1AB00001590	IC	1	
IC3102	C3ABRG000011	IC	1	
IC3103	C0JBAB000230	IC	1	
IC3104	C0JBAB000350	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC3105	C0JBAA000261	IC	1	
IC3202	C0JBAZ001958	IC	1	
IC3501	C0JBAA000319	IC	1	
IC3502	C0JBAA000146	VHC	1	
IC3503,04	C0JBAZ001529	IC	2	
IC3507	C0JBAZ001529	IC	1	
IC3508,09	C0JBAA000253	IC	2	
IC3512	C0JBAA000253	IC	1	
IC3514	C0JBAA000174	IC	1	
IC3515-17	C0JBAZ001605	IC	3	
IC3518	C0JBAA000253	IC	1	
IC6001	C0JBAZ001605	IC	1	
IC6002	C0ABBA000071	IC	1	
IC6003	C0JBAA000174	IC	1	
IC6004	C0EBC0000070	IC	1	
IC6005	C0EBH0000241	IC	1	
IC6006	C0EBE0000211	IC	1	
IC6007	C0JBAB000350	IC	1	
IC6008,09	C0JBAZ001605	IC	2	
IC6201	C1AB00000936	IC	1	
IC6202	TA75W558FU	IC	1	C0ABBA000042
IC6203	C0BBBB000006	IC	1	
IC6204	NJM2068MD	IC	1	C0ABBB000031
IC6205	TA75W558FU	IC	1	C0ABBA000042
IC6206	C0JBAZ000279	IC	1	
ID3002	VVVSI4011	SOFTWARE	1	
ID3201	VVVSI4010	SOFTWARE	1	
ID6001	VVVSI4002	SOFTWARE	1	
IP3001	C1ZBZ0001884	IC	1	
IP3201	C1ZBZ0002212	IC	1	
IP6001	C2DBLK000001	IC	1	
L1	J0JKC0000009	FILTER	1	
L2-L6	G1C6R8M00001	COIL 6.8UH	5	
L3001-04	J0JKC0000009	FILTER	4	
L3102,03	J0JKC0000009	FILTER	2	
L3104	J0JCC0000119	FILTER	1	
L3201,02	J0JKC0000009	FILTER	2	
L3501-04	J0JCC0000119	FILTER	4	
L3507,08	J0JCC0000119	FILTER	2	
L3511,12	J0JCC0000119	FILTER	2	
L3514-18	J0JCC0000119	FILTER	5	
L6001-03	G1C470J00001	COIL 47UH	3	
L6004	J0JKC0000009	FILTER	1	
P1	VJP4064Q160	CONNECTOR (MALE)	1	K1KBG0B00002
P2,P3	VJS3791B050	CONNECTOR (FEMALE)	2	
P4	K1MME4B00013	CONNECTOR	1	
P5	VJP3125B010	CONNECTOR (MALE)	1	K1KA10B00136
P6,P7	K1KA08B00147	CONNECTOR (FEMALE)	2	
P6001	K1KA10A00303	CONNECTOR (MALE)	1	
P6002	VJS3791B020	CONNECTOR (FEMALE)	1	
QR6001,02	UNR521300L	TRANSISTOR	2	
QR6003-07	UNR511500L	TRANSISTOR	5	
QR6008,09	UN5215	TRANSISTOR-RESISTOR	2	
QR6010,11	UNR521300L	TRANSISTOR	2	
QR6012	UNR521400L	TRANSISTOR-RESISTOR	1	
QR6013	UNR511400L	TRANSISTOR-RESISTOR	1	
QR6014	UNR521300L	TRANSISTOR	1	
R1-R5	EXB24V100J	COMBI.R-R 10	5	
R6-R8	D1H810040003	COMBI.R-R 10	3	
R9,10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R11-13	D1H810040003	COMBI.R-R 10	3	
R14,15	EXB24V100J	COMBI.R-R 10	2	
R16	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R17-19	EXB24V100J	COMBI.R-R 10	3	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R25	EXBV8V102J	COMBI.R-R 1K	1	
R26-30	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	5	
R31-33	EXB24V100J	COMBI.R-R 10	3	
R34	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R35	EXB24V100J	COMBI.R-R 10	1	
R36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R37,38	EXB24V100J	COMBI.R-R 10	2	
R39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R40	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R41,42	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R43,44	EXB24V100J	COMBI.R-R 10	2	
R45	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3005-08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R3009-12	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3015	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3017,18	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3020-23	EXBV8V473J	COMBI.R-R 47K	4	
R3024	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3026-28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R3030,31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3032	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3034	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3035	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R3036,37	EXBV8V101J	COMBI.R-R 100	2	
R3038	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3039,40	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R3044	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3045	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3046,47	EXBV8V473J	COMBI.R-R 47K	2	
R3048	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3050-52	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R3053-55	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R3058,59	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R3062-65	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3101	D1H833040002	COMBI.R-R 33	1	
R3102-04	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	3	
R3105,06	D1H833040002	COMBI.R-R 33	2	
R3107	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R3108	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3109	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R3110-12	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3114	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3115-17	D1H822140001	COMBI.R-R 210K	3	
R3118	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R3119	D1H822140001	COMBI.R-R 210K	1	
R3120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3121-25	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	5	
R3127	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3129	EXBV8V473J	COMBI.R-R 47K	1	
R3130	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3131,32	EXBV8V473J	COMBI.R-R 47K	2	
R3133	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3134	EXBV8V101J	COMBI.R-R 100	1	
R3135,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3137	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R3141-44	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	4	
R3145-49	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3150-54	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	5	
R3155-59	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3160-64	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	5	
R3165-69	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	5	D0GB103JA002
R3172	D1H833040002	COMBI.R-R 33	1	
R3173	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3175	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3201,02	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R3203	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3205	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3206-09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R3321	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3502	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3503	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3506	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3511	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3512	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R3514,15	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R3518-20	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R3522	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R3535,36	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R3538-41	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	4	
R3546,47	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R3559,60	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R3562	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R3563-71	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	9	
R6001	EXBV8V473J	COMBI.R-R 47K	1	
R6002	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6003	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6004	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6005	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6007	EXBV8V473J	COMBI.R-R 47K	1	
R6009	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6010	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R6011	EXBV8V473J	COMBI.R-R 47K	1	
R6012	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R6013	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	1	
R6014,15	EXBV8V473J	COMBI.R-R 47K	2	
R6016	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6017,18	EXBV8V473J	COMBI.R-R 47K	2	
R6019	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6020	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6021	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6022	EXBV8V473J	COMBI.R-R 47K	1	
R6023	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6024	EXBV8V473J	COMBI.R-R 47K	1	
R6025	ERJ6RBD333	M.RESISTOR CH 1/10W 33K	1	
R6031,32	EXBV8V102J	COMBI.R-R 1K	2	
R6033	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R6034,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6036-44	D1H833040002	COMBI.R-R 33	9	
R6045,46	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6047	EXBV8V473J	COMBI.R-R 47K	1	
R6048	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R6049	EXBV8V473J	COMBI.R-R 47K	1	
R6050	ERJ3GEYJ683	M.RESISTOR CH 1/16W 68K	1	
R6051,52	EXBV8V473J	COMBI.R-R 47K	2	
R6053-64	EXBV8V101J	COMBI.R-R 100	12	
R6065	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6066,67	EXBV8V473J	COMBI.R-R 47K	2	
R6068	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6070	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6071	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6072	D0GZ103J0001	M.RESISTOR CH 10K	1	
R6073	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R6074	D1H833040002	COMBI.R-R 33	1	
R6075	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R6076-81	EXBV8V101J	COMBI.R-R 100	6	
R6082	EXBV8V102J	COMBI.R-R 1K	1	
R6084	EXBV8V101J	COMBI.R-R 100	1	
R6085	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6086	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6087	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6088,89	EXBV8V101J	COMBI.R-R 100	2	
R6090	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R6091	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6092	EXBV8V102J	COMBI.R-R 1K	1	
R6093	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6094	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6095	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6096	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6097	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6098	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6099,00	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R6101,02	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R6103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6104	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6105,06	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	2	
R6107	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6108	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R6109-13	ERJ6GEYG121	M.RESISTOR CH 1/10W 120	5	D0GD121JA003
R6114	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6115-17	D1H84704A008	COMBI.R-R 47	3	
R6118,19	EXBV8V473J	COMBI.R-R 47K	2	
R6120	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6121	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R6122	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6123	EXB24V220J	COMBI.R-R 22	1	
R6124-26	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	3	
R6127	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6201	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6202	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6203	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6204	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6205	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R6206	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6207	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6208,09	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R6210	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R6211	ERJ3RED824	M.RESISTOR CH 1/16W 820K	1	
R6212	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6213	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6214	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6215,16	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R6217	ERJ3RBD221	M.RESISTOR CH 1/16W 220	1	
R6218	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R6219	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R6220,21	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R6222	ERJ3RBD104	M.RESISTOR CH 1/16W 100K	1	
R6223	ERJ3RED824	M.RESISTOR CH 1/16W 820K	1	
R6224	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R6225,26	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R6227	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R6228,29	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R6230	ERJ3RED334	M.RESISTOR CH 1/16W 330K	1	
R6231	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R6232	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	1	
R6233	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R6234	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R6235	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6236	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R6237,38	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	2	
R6239,40	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	2	
R6241,42	ERJ3RED470	M.RESISTOR CH 1/16W 47	2	
R6243-45	EXBV8V473J	COMBI.R-R 47K	3	
R6246,47	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R6248-58	EXBV8V473J	COMBI.R-R 47K	11	
R6259,60	EXBV8V101J	COMBI.R-R 100	2	
R6261,62	EXBV8V473J	COMBI.R-R 47K	2	
SW6001,02	VSS0367-04B	SWITCH	2	
TG1,G2	EYF6CU	TEST POINT	2	
TG3201	EYF6CU	TEST POINT	1	
TG6001,02	EYF6CU	TEST POINT	2	
TP3001	EYF6CU	TEST POINT	1	
TP3045	EYF6CU	TEST POINT	1	
TP3084-86	EYF6CU	TEST POINT	3	
TP3101	EYF6CU	TEST POINT	1	
TP3107-09	EYF6CU	TEST POINT	3	
TP3201-03	EYF6CU	TEST POINT	3	
TP3207	EYF6CU	TEST POINT	1	
TP3501	EYF6CU	TEST POINT	1	
X3101	H0J417500002	CRYSTAL OSCILLATOR	1	
X6001	H0J921400004	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP7594	VTR P.C.B. HOLDER ANGLE	2	
	VMP7595	ECC P.C.B. HOLDER ANGLE	2	
	VHD0325	SCREW	2	
	XWGV4Z9G	WASHER	2	
	XYN26+J6	SCREW	2	
	XSB2+6FX	SCREW	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E12	VEP84388A	CUE P.C.BOARD	1	(RTL)
C1000	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1001	F1H1A105A028	C.CAPACITOR CH 10V 1U	1	
C1002	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1003	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1004	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1005,06	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C1007	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1008	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1009	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C1010	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1012	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1013	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1014	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C1016	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1018	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1019	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1020	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C1021	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1022	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1026,27	F2H1C8200001	E.CAPACITOR CH 16V 82U	2	
C1028	EEUFC1J680	E.CAPACITOR 63V 68U	1	
C4000	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4001,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4003	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C4004	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4005	ECUX1H223KBN	C.CAPACITOR CH 50V 0.22U	1	
C4006	ECHS1H102JZ	P.CAPACITOR 50V 1000P	1	
C4007	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4008	VCF2JAB332J	P.CAPACITOR 630V 3300P	1	
C4009	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C4010	ECUM1C105KBM	C.CAPACITOR CH 16V 1U	1	F1K1C105A026
C4011	ECUM1H273KBN	C.CAPACITOR CH 50V 0.027U	1	
C4012	ECUX1H822KBV	C.CAPACITOR CH 50V 8200P	1	
C4013,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4015	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4016	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C4017	VCC0030	C.CAPACITOR	1	
C4018	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C4019	ECUX1H390JCV	C.CAPACITOR CH 50V 39P	1	
C4020	EEVHP0J100	E.CAPACITOR 6.3V 10U	1	
C4021	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C4022	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
D1000	MA142WK	DIODE	1	
D1001	NSQ03A04	DIODE	1	B0JCPE000013
D1002,03	MAZ80680KL	DIODE	2	
D1004	MA142WK	DIODE	1	
D1005	SFPB-76V	DIODE	1	
D1006	U1GU44	DIODE	1	
D1007,08	SFPB-76V	DIODE	2	
D1009,10	MAZ80680KL	DIODE	2	
D1011-14	MA8100-M	DIODE	4	
D1015-17	MAZ80680KL	DIODE	3	
D1018	MA142WA	DIODE	1	
D4000	MA142WA	DIODE	1	
FL4000	G2A193C00001	COIL	1	
IC1000	BA9743AFV	IC	1	C0DBAZC00010
IC4000	C0ABBB000110	IC	1	
L1000,01	J0JBC0000019	FILTER	2	
L1002	G1A100G00006	COIL 10UH	1	
L1003	J0JKC0000009	FILTER	1	
L1004	VLQ0859M330	COIL 33UH	1	
L1005,06	G1A100G00006	COIL 10UH	2	
L1007	J0JKC0000009	FILTER	1	
L4000	VLQ0319K100	COIL 10UH	1	G1C100K00023
L4001	VLQ0423J472	COIL 4700UH	1	
P1003	VJP3125B009	CONNECTOR (MALE)	1	K1KA09B00055
P1004	VJS3807E040	CONNECTOR (FEMALE)	1	K1KB40A00057

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q1000	XN0440100L	TRANSISTOR	1	
Q1001	2SD1820A-R	TRANSISTOR	1	
Q1002	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1003	B1DHEG000002	TRANSISTOR	1	
Q1004	XN0440100L	TRANSISTOR	1	
Q1005	2SD1820A-R	TRANSISTOR	1	
Q1006	2SB1219A	TRANSISTOR	1	
Q1007	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1008	2SK1059-Z	TRANSISTOR	1	B1DFDG000001
Q1009	2SD1820A-R	TRANSISTOR	1	
Q4000	2SB779-R	TRANSISTOR	1	
Q4001	2SD1819A-R	TRANSISTOR	1	
Q4002	2SD874-R	TRANSISTOR	1	
Q4003	2SD1979	TRANSISTOR	1	
Q4004	2SB1220-R	TRANSISTOR	1	
Q4005,06	2SD1821-R	TRANSISTOR	2	
Q4007,08	2SD1979	TRANSISTOR	2	
QR1000	UNR521100L	TRANSISTOR	1	
QR1001	UNR511200L	TRANSISTOR	1	
QR1002,03	UNR521100L	TRANSISTOR	2	
QR1005	UNR511100L	TRANSISTOR	1	
QR4000-05	UNR511300L	TRANSISTOR	6	
R1000	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1001	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1002	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1003	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1004-07	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	4	
R1008,09	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	2	
R1010	ERJ3RBD512	M.RESISTOR CH 1/16W 5.1K	1	
R1011	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1012,13	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1014	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R1015	ERJ3RBD911	M.RESISTOR CH 1/16W 910	1	
R1016	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1017	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1018	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R1019,20	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	2	
R1021	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1022	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1023	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	
R1024	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1025	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1026	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1027	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1028	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1029	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1030	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1031	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1032	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	
R1033	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1034	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1035	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1036	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1037	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1038	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1039	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1040	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1041	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1042	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1043	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1045	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1049,50	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1053,54	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R4000	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4001	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4002	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4003	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R4004	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	1	
R4005	ERJ3GEYJ390	M.RESISTOR CH 1/16W 39	1	
R4006	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4007	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4008	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R4009	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4010	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R4012	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R4013	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4014	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R4015,16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R4017	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R4018	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4019	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R4020	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R4021,22	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R4023	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R4024	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	1	
R4025	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R4026	ERJ3GEYJ124	M.RESISTOR CH 1/16W 120K	1	
R4027	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R4028	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R4029	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4030,31	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
T1000	G5D1A0000028	TRANSFORMER	1	
T4000	VLT0729	TRANSFORMER	1	G4ZZ00000358
TP4000-04	EYF6CU	TEST POINT	5	
VR4000	VRV0161B503	V.RESISTOR 50K	1	
VR4001	VRV0161B103	V.RESISTOR 10K	1	
■ E13	VEP85211A	RF EQ P.C.BOARD	1	(RTL)
C5	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C9-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C15-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C101	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C102	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C103	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C105	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C106-08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C109	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C110	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C111-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C114	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	1	
C115,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C121	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C122-42	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	21	
C144	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C201,02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C204-06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C207	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C208	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C209-11	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C212	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	1	
C213,14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C215	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C216	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219	ECUX1C105KBN	C.CAPACITOR CH 10V 1U	1	
C220-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	19	
C350	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C352	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C353	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C354	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C355	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C356	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C357	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C358	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C359	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C360	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C362	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
C364	ECUX1H270JCV	C.CAPACITOR CH 50V 27P	1	
C365	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C366	ECUX1H151JCV	C.CAPACITOR CH 50V 150P	1	
C367	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	1	
C368	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C369	ECUX1H121JCV	C.CAPACITOR CH 50V 120P	1	
C370	ECUX1H331JCV	C.CAPACITOR CH 50V 330P	1	
C371	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C372	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C390	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C394	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C450-52	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C500	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C504	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C506	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C732	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C800	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C801	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C802,03	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C804	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C805,06	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C807	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C808,09	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C810	ECST1AC476R	T.CAPACITOR CH 10V 47U	1	
C811,12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C813	ECST1CC336R	T.CAPACITOR CH 16V 33U	1	
C814,15	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C816	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C817	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C818	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C819	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C820	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C821,22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C823	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C824,25	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C826	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C827,28	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C829	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C830,31	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C832	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C833,34	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C835	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C836-38	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C841	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C842	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C843-45	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C846-48	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	3	
C850	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
D1,D2	MA132A	DIODE	2	
D350	MA132A	DIODE	1	
D500	MA132A	DIODE	1	
FL800,01	J0HAAC000013	FILTER	2	
IC1	C0JBAB000350	IC	1	
IC2	C0JBAA000261	IC	1	
IC3	C0JBAC000267	IC	1	
IC4	C0JBAE000238	IC	1	
IC5	C0JBAZ001867	IC	1	
IC6	C0JBAA000261	IC	1	
IC7	C0JBAZ001492	IC	1	
IC9	C0JBAZ001492	IC	1	
IC11	C0JBAZ001591	IC	1	
IC13,14	C0JBCA000066	IC	2	
IC17	THC4052FT	IC	1	
IC18	C0JBAA000315	IC	1	
IC19,20	C0JBCA000066	IC	2	
IC21	C0JBAB000350	IC	1	
IC100	MN673798	IC	1	
IC101	C0ABBB000158	IC	1	
IC102	C0JBAZ001867	IC	1	
IC103	C0ABEB000023	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC104	C0JBAF000379	IC	1	
IC105	C0JBAZ001867	IC	1	
IC200	MN673798	IC	1	
IC201	C0ABBB000158	IC	1	
IC202	C0JBAZ001867	IC	1	
IC350,51	TC7W53F	IC	2	
IC450	M62370GP	IC	1	C0FBBD000082
IC451	C0JBAS000075	IC	1	
IC453	C0JBAS000075	IC	1	
IC503	C0EBC0000070	IC	1	
IC504	C0JBAB000379	IC	1	
IC709	TC7W53F	IC	1	
IC800	C0CBADD00003	IC	1	
IC801	LT1175CS8	IC	1	
IC802,03	XC62FP3002P	IC	2	
IC806	C0CBABC00060	IC	1	
IC807	C0CBABD00005	IC	1	
J850-53	K4CD01000006	LUG TERMINAL	4	
L351	NL32TR15J	COIL 0.15UH	1	G1CR15J00002
L352,53	VLQ0163JR33	COIL 0.33UH	2	G1CR33J00002
L354	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L356	NL32TR15J	COIL 0.15UH	1	G1CR15J00002
L357,58	VLQ0163JR33	COIL 0.33UH	2	G1CR33J00002
L359	VLQ0163JR68	COIL 0.68UH	1	G1CR68J00004
L800	VLQ0319K100	COIL 10UH	1	G1C100K00023
L801	G1C6R8M00001	COIL 6.8UH	1	
L802	VLQ0133J100	COIL 10UH	1	
P1	VJS3978A080A	CONNECTOR (FEMALE)	1	
P2	VJP4395D012	CONNECTOR (MALE)	1	
P3,P4	VJS3791B050	CONNECTOR (FEMALE)	2	
P5,P6	VJS3801B050	CONNECTOR (FEMALE)	2	
Q1	2SA1532-B	TRANSISTOR	1	
Q100	XP6501	TRANSISTOR-RESISTOR	1	
Q200	XP6501	TRANSISTOR-RESISTOR	1	
Q351	2SA1532-B	TRANSISTOR	1	
Q352	2SC3930	TRANSISTOR	1	
Q355	2SA1532-B	TRANSISTOR	1	
Q356	2SC3930	TRANSISTOR	1	
Q366,67	2SA1532-B	TRANSISTOR	2	
Q800-03	2SB1218A-R	TRANSISTOR	4	
Q805	B1DHDC000023	TRANSISTOR	1	
Q806	B1DFEC000004	TRANSISTOR	1	
Q807	2SB1218A-R	TRANSISTOR	1	
Q850	B1DHDC000023	TRANSISTOR	1	
QR500-03	UNR521300L	TRANSISTOR	4	
QR700	UNR521300L	TRANSISTOR	1	
QR800-04	UNR521300L	TRANSISTOR	5	
QR850	UNR521300L	TRANSISTOR	1	
R2-R4	EXBV8V473J	COMBI.R-R 47K	3	
R5	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R6	EXBV8V473J	COMBI.R-R 47K	1	
R7	D0GZ103J0001	M.RESISTOR CH 10K	1	
R8,R9	EXB24V105J	COMBI.R-R 1M	2	
R12,13	EXB24V105J	COMBI.R-R 1M	2	
R14	EXBV8V473J	COMBI.R-R 47K	1	
R16	EXBV8V473J	COMBI.R-R 47K	1	
R18	EXBV8V473J	COMBI.R-R 47K	1	
R20,21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R22	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R24	EXB24V105J	COMBI.R-R 1M	1	
R28-38	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	11	
R39	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R40	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R101	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R103	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R104-07	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	4	
R108	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R109	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R110	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R111	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R112	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R113	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R114	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R115	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R116	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R117	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R118,19	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R120,21	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R122	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R123	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R124	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R125	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R128,29	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R130	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R131	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R132	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R133	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R134,35	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R136	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R141	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R142	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R143,44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R146,47	D1H83304A013	COMBI.R-R 300K	2	
R148,49	EXB24V220J	COMBI.R-R 22	2	
R151,52	EXBV8V102J	COMBI.R-R 1K	2	
R153	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R155	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R156	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R157	ERJ3GEYJ203	M.RESISTOR CH 1/16W 20K	1	
R158	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R159	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R160	ERJ3GEYJ242	M.RESISTOR CH 1/16W 2.4K	1	
R161	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R162	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R164	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R165-67	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	3	
R200	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R201	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R203	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R204,05	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	2	
R206	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R207	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R208	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R209	ERJ3GEYJ221	M.RESISTOR CH 1/16W 220	1	
R210	ERJ3GEYJ751	M.RESISTOR CH 1/16W 750	1	
R211	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R212	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R213,14	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R215,16	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R217	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R218	ERJ3RBD122	M.RESISTOR CH 1/16W 1.2K	1	
R219	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R220	ERJ3GEYJ681	M.RESISTOR CH 1/16W 680	1	
R223,24	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R225	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R226	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R227	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R231	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R232	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R233	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R234,35	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R237,38	D1H83304A013	COMBI.R-R 300K	2	
R239,40	EXB24V220J	COMBI.R-R 22	2	
R242	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R293	ERJ3GEYJ753	M.RESISTOR CH 1/16W 75K	1	
R294	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R351,52	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R356	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R357	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R358	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R359	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R360	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R361	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R363	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R364,65	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R372,73	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R377	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R378	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	1	
R379	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R380	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R381	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R382	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R384	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R385	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R402	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R427,28	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	2	
R429	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R451	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R453,54	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R456	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R458-60	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	3	
R461-63	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	3	
R464,65	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R505	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R511	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R512	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R536-39	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R758	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R760	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R761	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R800	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R802	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R805	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R806	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R807	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R808	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R809	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R810	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R811	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R812	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R813	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R814	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R815	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R816	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R817	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R818	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R850	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R851	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
TG500	EYF6CU	TEST POINT	1	
TG600	EYF6CU	TEST POINT	1	
TG800	EYF6CU	TEST POINT	1	
TP100	EYF6CU	TEST POINT	1	
■ E14	VEP82248A	SERVO P.C.BOARD	1	(RTL)
C1	F1H1H122A219	C.CAPACITOR CH 50V 1200P	1	
C2	EEVHB1C100	E.CAPACITOR 16V 10U	1	
C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C5	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C6,C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C8	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C9	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C10,11	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C12	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C100	ECUX1E223KBV	C.CAPACITOR CH 25V 0.023U	1	
C101-04	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	4	
C105	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C106	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C107,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C109,10	ECUX1H150JCV	C.CAPACITOR CH 50V 15P	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C111-13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C115,16	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C117	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C118-22	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	5	
C123,24	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C125	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C200-05	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C206,07	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	2	
C209-11	F2H1D470A004	E.CAPACITOR CH 20V 47U	3	
C212	F1L1E4750006	C.CAPACITOR CH 25V 4.7U	1	
C213	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C214	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C215	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C216	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C217	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C218	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C219,20	EEVHB1A101P	E.CAPACITOR 10V 100U	2	
C221-23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C224	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C225	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C226	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C227	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C228,29	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C230	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C231	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C232	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C233,34	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C235	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C236	ECUX1H332KBV	C.CAPACITOR CH 50V 3300P	1	
C237	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C238,39	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C240	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C241,42	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C243	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C244-46	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C247	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	1	F1J1C105A083
C248,49	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C250-52	EEVHB1C220	E.CAPACITOR 16V 22U	3	
C253-56	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	4	
C300-05	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	6	
C306	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C307	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C308,09	F2H1D470A004	E.CAPACITOR CH 20V 47U	2	
C312	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	1	
C313,14	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C315,16	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C317,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C319,20	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C321,22	EEVHB1A101P	E.CAPACITOR 10V 100U	2	
C323,24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C325-28	F1K0J1060002	C.CAPACITOR CH6.3V 10U	4	
C329-32	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C333,34	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C335,36	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	2	
C337	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C338-40	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	3	
C341,42	ECUM1C105ZFN	C.CAPACITOR CH 16V 1U	2	F1J1C105A083
C343,44	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C345,46	ECUX1C474KBN	C.CAPACITOR CH 16V 0.47U	2	
C347-52	F1K1C475A043	C.CAPACITOR CH 16V 4.7U	6	
C353-58	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	6	
C359,60	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C361	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C362,63	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C364	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C400	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C401	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C402	EEVHB1H100	E.CAPACITOR 50V 10U	1	
C403-06	F1K0J1060002	C.CAPACITOR CH6.3V 10U	4	
C407-10	ECUX1H102JV	C.CAPACITOR CH 50V 1000P	4	
C411	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C412	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C413	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C414	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C415-18	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C419	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C420	F1J0J3350002	C.CAPACITOR CH6.3V 3.3U	1	
C421	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C422	ECUX1C104KBV	C.CAPACITOR CH 16V 0.1U	1	
C423	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C424,25	F1L1C1060020	C.CAPACITOR CH 16V 10U	2	
C426,27	EEVHB1C220	E.CAPACITOR 16V 22U	2	
C428	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C500-02	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C504,05	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C600,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C750	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C752	EEVHB1E330P	E.CAPACITOR 25V 33U	1	
C753,54	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C755	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C756	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C800	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C802-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	6	
C808-16	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	9	
C817	EEVHB1E4R7	E.CAPACITOR 25V 4.7U	1	
C818	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C900,01	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C902,03	ECA12HG472L	E.CAPACITOR 4700U	2	
C904	EEVHB1C220	E.CAPACITOR 16V 22U	1	
C905,06	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C907	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C908-10	F1K0J1060002	C.CAPACITOR CH6.3V 10U	3	
C911	F1L1C1060020	C.CAPACITOR CH 16V 10U	1	
C912,13	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C914,15	F1K0J1060002	C.CAPACITOR CH6.3V 10U	2	
C916-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
D1	MA3J14300L	DIODE	1	
D2,D3	MA147	DIODE	2	
D200,01	MA2Q73600L	DIODE	2	
D202,03	MA3J14300L	DIODE	2	
D300,01	MA2Q73600L	DIODE	2	
D302-05	MA142WK	DIODE	4	
D306-17	MA2Q73800L	DIODE	12	
D318,19	MA147	DIODE	2	
D401	MA2Q73600L	DIODE	1	
D402-05	MA3J14300L	DIODE	4	
D406	MA2Q73600L	DIODE	1	
D750-52	MA142WK	DIODE	3	
D753	MA3J14300L	DIODE	1	
D754	MA3062M	DIODE	1	
D756	MA3056-M	DIODE	1	
D757	MA2Q73800L	DIODE	1	
D758	MA142WK	DIODE	1	
D800-02	MA142WK	DIODE	3	
D803,04	MAZ80470HL	DIODE	2	
D805	MAZ80620HL	DIODE	1	
D806-08	MA8043-M	DIODE	3	
D809-20	EC15QS04	DIODE	12	
D821	MA142WK	DIODE	1	
D900	MA8051-H	DIODE	1	
D901	NSQ03A04	DIODE	1	B0JCPE000013
IC1	UPC4556G	IC	1	C0ABBA000016
IC2	C0JBAB000379	IC	1	
IC100	C0CBABD00005	IC	1	
IC101	C0EBE0000213	IC	1	
IC102	C0JBAA000233	IC	1	
IC103	MN1030F04K	IC	1	
IC104,05	C0JBAB000423	IC	2	
IC106	C0ABBA000075	IC	1	
IC107	C0JBAZ001517	IC	1	
IC201	C0BBBA000030	IC	1	
IC202,03	TB6519AF	IC	2	
IC204,05	UN224	TRANSISTOR-RESISTOR	2	
IC206	C0ABBA000075	IC	1	
IC207	C0BBBA000030	IC	1	
IC208	C0ABBA000075	IC	1	
IC209	C0BBBA000030	IC	1	
IC212	C0JBAZ001517	IC	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
IC213	C0JBAB000379	IC	1	
IC301	TL1451CDB	IC	1	
IC302	C0BBBA000030	IC	1	
IC303	TB6519AF	IC	1	
IC305	C0JBAZ001517	IC	1	
IC306	TB6519AF	IC	1	
IC307	C0ABBB000179	IC	1	
IC401,02	C0BBBA000030	IC	2	
IC403	C0ABBA000075	IC	1	
IC406,07	UPC4558G2	IC	2	C0ABBB000131
IC408-10	C0ABBA000075	IC	3	
IC501	C3EBEG000042	IC	1	
IC502	C0JBAZ000994	IC	1	
IC503	X9036L7V64	IC	1	
IC600	C0ABBB000179	IC	1	
IC752	C0GBM0000003	IC	1	
IC800	TC4538BF	IC	1	
IC803-05	C0GBM0000003	IC	3	
IC806	TC7S04FU	IC	1	
IC900	C0ABBA000075	IC	1	
IC901	C0CBADD00003	IC	1	
IC902,03	C0JBAZ001003	IC	2	
IC904	C0JBAZ001647	IC	1	
ID103	VVVSI4001	SOFTWARE	1	
ID503	VVVSI4008	SOFTWARE	1	
J1-J4	K4CD01000006	LUG TERMINAL	4	
L1	G1C101K00022	COIL 100UH	1	
L201,02	VLQ0650M151	COIL 150UH	2	G1C151MA0016
L301,02	VLQ0650M151	COIL 150UH	2	G1C151MA0016
L750,51	G1C101K00022	COIL 100UH	2	
P500	K1KA08B00147	CONNECTOR (FEMALE)	1	
P600	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P601	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P602	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P603	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P604	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P605	K1KA02B00075	CONNECTOR (MALE)	1	
P606	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
P607	K1MN10B00052	CONNECTOR	1	
P608	K1KA02B00075	CONNECTOR (MALE)	1	
P609	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
P610	K1KA03B00102	CONNECTOR (MALE)	1	
P611	K1KA02B00075	CONNECTOR (MALE)	1	
P612	VJP3172D004	CONNECTOR (MALE)	1	K1KA04B00007
P613	K1MN15B00033	CONNECTOR	1	
P614,15	VJS3813C017	CONNECTOR (FEMALE)	2	K1MN17B00012
P616	K1MN19B00007	CONNECTOR	1	
P617	K1KA04B00186	CONNECTOR (MALE)	1	
P618	VJP3125B002	CONNECTOR (MALE)	1	K1KA02B00111
P619	VJP3978A080A	CONNECTOR (MALE)	1	
P620	VJS3791B020	CONNECTOR (FEMALE)	1	
Q1	2SD0601ARL	TRANSISTOR	1	
Q2,Q3	2SB0709A0L	TRANSISTOR	2	
Q4	2SD0601ARL	TRANSISTOR	1	
Q5	2SB0709A0L	TRANSISTOR	1	
Q6	2SD0601ARL	TRANSISTOR	1	
Q200	2SD1820A-R	TRANSISTOR	1	
Q201	2SB1219A-R	TRANSISTOR	1	
Q202	2SD1820A-R	TRANSISTOR	1	
Q203	2SB1219A-R	TRANSISTOR	1	
Q204-07	2SD1819ALL	TRANSISTOR	4	
Q208	HAT1024R	TRANSISTOR	1	
Q300	2SD1820A-R	TRANSISTOR	1	
Q301	2SB1219A-R	TRANSISTOR	1	
Q302	2SD1820A-R	TRANSISTOR	1	
Q303	2SB1219A-R	TRANSISTOR	1	
Q304	2SB710A-R	TRANSISTOR	1	
Q305	2SB1073-R	TRANSISTOR	1	
Q306	2SD1119-R	TRANSISTOR	1	
Q307	2SB1073-R	TRANSISTOR	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
When replacing any of these components, use onlly the same type.

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
Q308	2SD1119-R	TRANSISTOR	1	
Q309	2SB1073-R	TRANSISTOR	1	
Q310	2SD1119-R	TRANSISTOR	1	
Q311	2SB710A-R	TRANSISTOR	1	
Q312	2SB1073-R	TRANSISTOR	1	
Q313	2SD1119-R	TRANSISTOR	1	
Q314	2SB1073-R	TRANSISTOR	1	
Q315	2SD1119-R	TRANSISTOR	1	
Q316	2SB1073-R	TRANSISTOR	1	
Q317	2SD1119-R	TRANSISTOR	1	
Q318	HAT1024R	TRANSISTOR	1	
Q401	2SB1219A-R	TRANSISTOR	1	
Q750	2SD1819ALL	TRANSISTOR	1	
Q751	2SD1624-S	TRANSISTOR	1	
Q752	2SB1073-R	TRANSISTOR	1	
Q753	2SD1819ALL	TRANSISTOR	1	
Q800-02	2SD0601ARL	TRANSISTOR	3	
Q803-05	2SB1073-R	TRANSISTOR	3	
Q900	2SB936A-Q	TRANSISTOR	1	
Q901	2SD1819ALL	TRANSISTOR	1	
Q902-04	B1DHDC000023	TRANSISTOR	3	
Q905	B1DFEC000004	TRANSISTOR	1	
Q906	B1DHDC000023	TRANSISTOR	1	
QR1,R2	UNR521300L	TRANSISTOR	2	
QR3	UNR511300L	TRANSISTOR	1	
QR4	UN5215	TRANSISTOR-RESISTOR	1	
QR5	UNR511500L	TRANSISTOR	1	
QR100-02	UNR521300L	TRANSISTOR	3	
QR200,01	UNR521300L	TRANSISTOR	2	
QR300,01	UNR511100L	TRANSISTOR	2	
QR750	UNR521400L	TRANSISTOR-RESISTOR	1	
QR751	UNR511400L	TRANSISTOR-RESISTOR	1	
QR752	UNR521400L	TRANSISTOR-RESISTOR	1	
QR753	UNR511400L	TRANSISTOR-RESISTOR	1	
QR755,56	UNR521400L	TRANSISTOR-RESISTOR	2	
QR800	UNR521300L	TRANSISTOR	1	
QR801-06	UNR521400L	TRANSISTOR-RESISTOR	6	
QR807-12	UNR511400L	TRANSISTOR-RESISTOR	6	
QR813-15	UNR521300L	TRANSISTOR	3	
QR816	UNR521400L	TRANSISTOR-RESISTOR	1	
QR817-19	UNR521300L	TRANSISTOR	3	
QR820-22	UNR521400L	TRANSISTOR-RESISTOR	3	
QR900	UNR521300L	TRANSISTOR	1	
QR901	UNR511300L	TRANSISTOR	1	
QR902-04	UNR521300L	TRANSISTOR	3	
R1	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R2,R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R5	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R6	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R7-R9	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	3	
R10	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R11,12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R13	ERJ3GEYG822	M.RESISTOR CH 1/16W 8.2K	1	
R14	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R15,16	ERJ3RBD471	M.RESISTOR CH 1/16W 470	2	
R17	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R18	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R19	ERJ3GEYJ560	M.RESISTOR CH 1/16W 56	1	
R20,21	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R22	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R100	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R101-04	EXBV8V101J	COMBI.R-R 100	4	
R105,06	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R107,08	ERJ6RBD473	M.RESISTOR CH 1/10W 47K	2	
R109	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R110	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R111-13	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	3	
R115	EXBV8V473J	COMBI.R-R 47K	1	
R116	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R117	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R118	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R119	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R120	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R123	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R124,25	ERJ6GEYG184	M.RESISTOR CH 1/10W 180K	2	
R126	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R127	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R128	ERJ3GEYJ120	M.RESISTOR CH 1/16W 12	1	
R129	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R130	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R131	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R134,35	EXBV8V101J	COMBI.R-R 100	2	
R136	EXBV8V473J	COMBI.R-R 47K	1	
R137	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R138	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R139,40	EXBV8V101J	COMBI.R-R 100	2	
R141	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R142-44	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R145	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R200,01	ERJ3GEYJ183	M.RESISTOR CH 1/16W 18K	2	
R202	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R203	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R204	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R205	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
⚠ R206,07	K5H1623A0001	FUSE	2	
R208,09	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R210	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R211	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R212,13	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R214	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R215,16	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R217	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R218	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R219	ERJ3GEYJ272	M.RESISTOR CH 1/16W 2.7K	1	
R220	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R221,22	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R223	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R224	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R225	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R226	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R227	ERJ3GEYJ564	M.RESISTOR CH 1/16W 560K	1	
R228	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R229-32	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R233	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R234	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R235	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R236	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R237	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R238	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R239	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R240	ERJ3GEYJ823	M.RESISTOR CH 1/16W 82K	1	
R241	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R242,43	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R244,45	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R246	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R247	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R248	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R249	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R250,51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R252-54	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R255	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R256	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R257	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R258	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R259	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R260	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R261,62	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R263	ERJ3GEYJ821	M.RESISTOR CH 1/16W 820	1	
R264	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R265	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R266,67	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R268	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R269	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R270-72	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	3	
R273	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R274,75	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R276	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	

Components identified with the mark ⚠ have the special characterisitics for safety.
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Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R277	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R278,79	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	2	
R280	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R281	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R282	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R283	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R300,01	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R302,03	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
⚠ R304,05	K5H1623A0001	FUSE	2	
R306	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R307,08	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	2	
R309	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R310,11	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	2	
R312-15	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	4	
R316,17	ERJ3GEYJ224	M.RESISTOR CH 1/16W 220K	2	
R318	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R319,20	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	2	
R321	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R322,23	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R324	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R325	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R326	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R327	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R328	ERJ3GEYJ123	M.RESISTOR CH 1/16W 12K	1	
R329	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R330,31	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R332,33	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	2	
R338,39	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R340-43	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R346	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R347	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R348	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	1	
R349	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	1	
R350,51	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R352-55	ERJ8GEYJ1R0	M.RESISTOR CH 1/8W 1	4	
R356,57	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R358,59	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R360,61	ERJ3GEYJ393	M.RESISTOR CH 1/16W 39K	2	
R362,63	ERJ3GEYG682	M.RESISTOR CH 1/16W 6.8K	2	
R364	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R365,66	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R367	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	1	
R368,69	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	2	
R370-73	ERJ3GEYJ330	M.RESISTOR CH 1/16W 33	4	
R374	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R375-78	ERJ3GEYJ181	M.RESISTOR CH 1/16W 180	4	
R379	ERJ3RBD563	M.RESISTOR CH 1/16W 56K	1	
R380,81	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R400,01	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R402,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R404	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R405,06	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R407,08	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R409-12	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	4	
R413-17	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	5	
R418	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	1	
R419	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R420,21	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R422-25	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R426	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
R427	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R428-31	ERJ3GEYJ184	M.RESISTOR CH 1/16W 180K	4	
R432-35	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R436	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R437	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R438	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R439	ERJ3RBD821	M.RESISTOR CH 1/16W 820	1	
R440	ERJ6RBD222	M.RESISTOR CH 1/10W 2.2K	1	
R441	ERJ6RBD682	M.RESISTOR CH 1/10W 6.8K	1	
R442	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R443	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	1	
R444	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R445	ERJ3GEYJ391	M.RESISTOR CH 1/16W 390	1	
R501	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R502,03	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R504	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R505	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R507-09	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	3	
R511	ERJ3GEYJ680	M.RESISTOR CH 1/16W 68	1	
R603	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R604	EXBV8V473J	COMBI.R-R 47K	1	
R605,06	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R607,08	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2	
R609,10	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R613,14	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	2	
R750	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R751	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R752	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R753	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R754	ERJ6GEYG271	M.RESISTOR CH 1/10W 270	1	
R755	ERJ3GEYJ223	M.RESISTOR CH 1/16W 22K	1	
R756	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R757	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R758,59	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R762	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R763	ERJ8GEYJ470	M.RESISTOR CH 1/8W 47	1	
R764-67	ERJ3GEYJ273	M.RESISTOR CH 1/16W 27K	4	
R768,69	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R770,71	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R772	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R773	ERJ8GEYJ471	M.RESISTOR CH 1/8W 470	1	
R774	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R775	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R776	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R777	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R778	EXBV8V102J	COMBI.R-R 1K	1	
R800	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R801	ERJ3GEYJ394	M.RESISTOR CH 1/16W 390K	1	
R802-04	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	3	
R805-07	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	3	
R808-10	ERJ3GEYJ151	M.RESISTOR CH 1/16W 150	3	
R811-14	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R815	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R900,01	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R902	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R903	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R904-06	ERJ6GEYG681	M.RESISTOR CH 1/10W 680	3	
R907	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R908	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R909-12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	4	
R913-16	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R917	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R918	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R919-22	ERJ8GEY0R00	M.RESISTOR CH 1/8W 0	4	
TG300	EYF6CU	TEST POINT	1	
TP1	EYF6CU	TEST POINT	1	
TP100	EYF6CU	TEST POINT	1	
TP108-10	EYF6CU	TEST POINT	3	
TP301,02	EYF6CU	TEST POINT	2	
TP402	EYF6CU	TEST POINT	1	
TP501,02	EYF6CU	TEST POINT	2	
TP601,02	EYF6CU	TEST POINT	2	
TP751	EYF6CU	TEST POINT	1	
VR401	EVM7JGA00B54	V.RESISTOR 50K	1	
VR402	EVM7JGA00B24	V.RESISTOR 20K	1	
VR750,51	VRV0303B203A	V.RESISTOR 20K	2	D3EC3203A002
X100	VSX0918	CRYSTAL OSCILLATOR	1	H0J250500005
		MISCELLANEOUS		
	VMS7297	SPACER	1	
	XYN2+F5	SCREW	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E15	VEP85210A	HEAD BUFF P.C.BOARD	1	(RTL)
C1	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C2,C3	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C4	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C9	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C100	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C101	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C102,03	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C108	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C109	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C110	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C111,12	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C117	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C118	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C119	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C120,21	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C126	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C127	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C128	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	1	
C129,30	ECUX1H080DCV	C.CAPACITOR CH 50V 8P	2	
C135	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C136,37	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C205	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C206	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C207,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C210	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C211	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C212	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C213	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C214	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C215	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C216	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C217,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C219	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C220,21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C222,23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C224	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C305	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C306	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C307,08	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C310	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C311	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C312	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C313	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C314	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C315	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C316	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C317,18	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C319	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C320,21	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C322,23	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C324	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C400	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C401-04	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	4	
C405	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C406	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C407,08	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	2	
C409	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C410-13	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	4	
C414	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C416	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C417	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C418	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C419	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C420	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C423,24	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C500	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C501-04	ECUX1H820JCV	C.CAPACITOR CH 50V 82P	4	
C505	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C506	ECST1CX106Z	T.CAPACITOR CH 16V 10U	1	
C507,08	ECJ1VC1H560J	C.CAPACITOR CH 50V 560P	2	
C509	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C510-13	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	4	
C514	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C516	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C517	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C518	ECUX1H470JCV	C.CAPACITOR CH 50V 47P	1	
C519	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C520	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C523,24	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
D401	MA132A	DIODE	1	
D501	MA132A	DIODE	1	
IC1,C2	THC4052FT	IC	2	
IC100	C0JBAB000565	IC	1	
IC101,02	TC4S69F	IC	2	C0JBAB000139
IC200	AN3732FJMEFV	IC	1	
IC201	AD8051AR	IC	1	
IC202,03	TC7W53F	IC	2	
IC300	AN3732FJMEFV	IC	1	
IC301	AD8051AR	IC	1	
IC302,03	TC7W53F	IC	2	
IC400	AN3732FJMEFV	IC	1	
IC500	AN3732FJMEFV	IC	1	
J1,J2	K4CD01000006	LUG TERMINAL	2	
L100-07	VLQ0426J2R2	COIL 2.2UH	8	G1C2R2J00008
L200	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L300	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L400	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L401-04	VLQ0464K6R8	COIL 6.8UH	4	G1C6R8K00007
L500	VLQ0319K330	COIL 33UH	1	G1C330KA0002
L501-04	VLQ0464K6R8	COIL 6.8UH	4	G1C6R8K00007
P1,P2	VJS3898D024	CONNECTOR (FEMALE)	2	K1MN24B00041
P3,P4	VJS3801B050	CONNECTOR (FEMALE)	2	
P5	K1KA12A00047	CONNECTOR (MALE)	1	
Q100,01	2SC3735B35	TRANSISTOR	2	
Q104,05	2SC3735B35	TRANSISTOR	2	
Q108,09	2SC3735B35	TRANSISTOR	2	
Q112,13	2SC3735B35	TRANSISTOR	2	
Q202,03	2SC3930	TRANSISTOR	2	
Q302,03	2SC3930	TRANSISTOR	2	
Q400,01	XN0150400L	TRANSISTOR	2	
Q402	2SC3930	TRANSISTOR	1	
Q500,01	XN0150400L	TRANSISTOR	2	
Q502	2SC3930	TRANSISTOR	1	
QR1	UNR521300L	TRANSISTOR	1	
QR2	UNR511300L	TRANSISTOR	1	
R1	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R2	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R3,R4	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R7,R8	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	2	D0GB103JA002
R9,10	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R13	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R14	EXB24V105J	COMBI.R-R 1M	1	
R15	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R21	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R100	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R101	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R102	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R103	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R104	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R105	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R111	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R113	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R114	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R115	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R116	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R117	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R118	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R119	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R120	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R126	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R128	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R130	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R131	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R132	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R133	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R134	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R135	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R141	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R143	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R144	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R145	ERJ6GEYJ5R6	M.RESISTOR CH 1/10W 5.6	1	D0GD5R6JA003
R146	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R147	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R148	ERJ6GEYG270	M.RESISTOR CH 1/10W 27	1	D0GD270JA003
R149	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R150	ERJ3GEYJ122	M.RESISTOR CH 1/16W 1.2K	1	
R156	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R158	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R159	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R160	EXBV8V473J	COMBI.R-R 47K	1	
R213	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R214	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R217	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R218-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R222	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R228	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R233	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R235	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R236	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R240	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R243	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R244	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R247,48	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R249	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R251	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R252	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R253	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R255	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R256,57	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R258,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R313	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R314	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R317	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R318-21	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R322	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R328	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R333	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R335	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R336	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R340	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R343	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R344	ERJ3GEYJ271	M.RESISTOR CH 1/16W 270	1	
R347,48	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R349	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R351	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R352	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R353	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R355	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R356,57	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	2	
R358,59	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	2	
R400-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R405	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R406-09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R416	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R419-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R423	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R425,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R429	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R430	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R431	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R434	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R435	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R437	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R442	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R450	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R451	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
R500-03	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R505	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R506-09	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R516	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R519-22	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	4	D0GB103JA002
R523	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R525,26	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R529	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R530	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R531	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R534	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R535	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R537	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R542	ERJ3GEYG152	M.RESISTOR CH 1/16W 1.5K	1	
R550	ERJ3GEYJ470	M.RESISTOR CH 1/16W 47	1	
R551	ERJ3GEYJ222	M.RESISTOR CH 1/16W 2.2K	1	
TG1	EYF6CU	TEST POINT	1	
TP1-P6	EYF6CU	TEST POINT	6	
VR200	VRV0303B102	V.RESISTOR 30K	1	
VR300	VRV0303B102	V.RESISTOR 30K	1	
■ E16	VEP21280A	CAMERA POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP21280A
C1000	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1001,02	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C1003	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1004-06	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
C1008	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	1	
C1009	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1010,11	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1012	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1013,14	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1015	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1016	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1017,18	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	2	
C1019	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1020	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1021	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1022	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1100,01	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C1102	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C1103,04	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C1105	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1106	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1107	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1108	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1109	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1110	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1200,01	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	2	
C1202	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1203	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1204	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1205	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C1206	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	1	
C1207	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1208	ECUX1H681JCV	C.CAPACITOR CH 50V 680P	1	
C1211	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1212	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1213	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1214	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1215	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1216	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1217	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1218	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1219	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1220	ECUX1H101JCV	C.CAPACITOR CH 50V 100P	1	
C1221	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1222	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C1223	ECUX1H333KBN	C.CAPACITOR CH 50V 0.033U	1	
C1227	F2H1C8200001	E.CAPACITOR CH 16V 82U	1	
C1228,29	F2H1D470A004	E.CAPACITOR CH 20V 47U	2	
C1230	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1400,01	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1402,03	EEVHB1V100	E.CAPACITOR 35V 10U	2	
C1404,05	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	2	
C4000,01	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C4002	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4003,04	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4005	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4006	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4007	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4008	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4009,10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	2	
C4011,12	EEVHB1H3R3	E.CAPACITOR 50V 3.3U	2	
C4013	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4014	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4015	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4016	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C4017	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4018	EEVHB1C470P	E.CAPACITOR 16V 47U	1	
C4019	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C4020,21	EEVHB1H100	E.CAPACITOR 50V 10U	2	
C4022	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C4023-26	EEVHB0J470	E.CAPACITOR 6.3V 47U	4	
D1000,01	MA142WK	DIODE	2	
D1002	NSQ03A04	DIODE	1	B0JCPE000013
D1003	MA8062-MH	DIODE	1	
D1004	NSQ03A04	DIODE	1	B0JCPE000013
D1005	MAZ80680KL	DIODE	1	
D1006	MA142WK	DIODE	1	
D1007	MA142WA	DIODE	1	
D1100	MA142WK	DIODE	1	
D1101	NSQ03A04	DIODE	1	B0JCPE000013
D1102	MA142K	DIODE	1	
D1103,04	MAZ80680KL	DIODE	2	
D1105,06	MA142K	DIODE	2	
D1200	MA142WK	DIODE	1	
D1201	NSQ03A04	DIODE	1	B0JCPE000013
D1202,03	MAZ80680KL	DIODE	2	
D1204	MA142WA	DIODE	1	
D1205	MA142WK	DIODE	1	
D1206	SFPB-76V	DIODE	1	
D1207	MA2Q73900L	DIODE	1	
D1208	SFPB-76V	DIODE	1	
D1209-13	MAZ80680KL	DIODE	5	
D1400	MA142K	DIODE	1	
D1401	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
D4000-03	MA3J14300L	DIODE	4	
IC1000	LTC1628IG	IC	1	
IC1100	C0DBCFB00001	IC	1	
IC1200	BA9743AFV	IC	1	C0DBAZC00010
IC1400	C0DBZGH00001	IC	1	
IC1401	C0BBBA000019	IC	1	
IC4001,02	NJM2068MD	IC	2	C0ABBB000031
L1000-03	J0JBC0000019	FILTER	4	
L1004	G1A100G00006	COIL 10UH	1	
L1005	J0JKC0000009	FILTER	1	
L1006	VLQ0859M470	COIL 47U	1	
L1007,08	G1A100G00006	COIL 10UH	2	
L1010	J0JKC0000009	FILTER	1	
L1011	VLQ0859M470	COIL 47U	1	
L1012	G1A100G00006	COIL 10UH	1	
L1100	J0JBC0000019	FILTER	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L1101	J0JKC0000009	FILTER	1	
L1102	VLQ0859M101	COIL 100UH	1	
L1103,04	G1A100G00006	COIL 10UH	2	
L1200,01	J0JBC0000019	FILTER	2	
L1202	G1A100G00006	COIL 10UH	1	
L1203	J0JKC0000009	FILTER	1	
L1204	VLQ0859M101	COIL 100UH	1	
L1205,06	G1A100G00006	COIL 10UH	2	
L1207,08	J0JKC0000009	FILTER	2	
L1209,10	G1A100G00006	COIL 10UH	2	
L4000-03	VLQ0319K100	COIL 10UH	4	G1C100K00023
P1003	526101690	CONNECTOR	1	K1MN16A00011
P1501	K1KA04B00186	CONNECTOR (MALE)	1	
P1502	VJP4064L080	CONNECTOR (MALE)	1	
P4500	VJP4395D008	CONNECTOR (MALE)	1	
Q1	B1DFFD000006	FET	1	FOR VEP001B9A
Q1000-03	B1DFFD000006	FET	4	
Q1101	B1DFFD000006	FET	1	
Q1102	2SD1819ALL	TRANSISTOR	1	
Q1200	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1201	XN0440100L	TRANSISTOR	1	
Q1202	2SD1819ALL	TRANSISTOR	1	
Q1203	B1DHEG000002	TRANSISTOR	1	
Q1204	2SB1219A	TRANSISTOR	1	
Q1205	XN0160100L	TRANSISTOR-RESISTOR	1	
Q1206	XN0440100L	TRANSISTOR	1	
Q1207	2SD1819ALL	TRANSISTOR	1	
Q1208	2SK1059-Z	TRANSISTOR	1	B1DFDG000001
Q4000,01	2SB1220-R	TRANSISTOR	2	
Q4002	2SD1821-R	TRANSISTOR	1	
Q4003	2SB1220-R	TRANSISTOR	1	
Q4004	2SD1819A-R	TRANSISTOR	1	
Q4005	2SB1218A-R	TRANSISTOR	1	
QR1000,01	UNR521100L	TRANSISTOR	2	
QR1100	UNR521100L	TRANSISTOR	1	
QR1101	UNR511100L	TRANSISTOR	1	
QR1102	UNR521100L	TRANSISTOR	1	
QR1103	UNR511100L	TRANSISTOR	1	
QR1200	UNR511200L	TRANSISTOR	1	
QR1201,02	UNR521100L	TRANSISTOR	2	
QR1204	UNR511100L	TRANSISTOR	1	
QR1205	UNR521100L	TRANSISTOR	1	
QR1400	UNR521100L	TRANSISTOR	1	
QR1401	UNR511300L	TRANSISTOR	1	
QR1402,03	UNR521100L	TRANSISTOR	2	
QR4000	UNR521300L	TRANSISTOR	1	
QR4001	UNR511300L	TRANSISTOR	1	
QR4002,03	UNR521300L	TRANSISTOR	2	
R1	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	FOR VEP001B9A
R1000	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1003,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1005	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1006	ERJ3RBD123	M.RESISTOR CH 1/16W 12K	1	
R1007	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1008	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1010	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1011,12	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	2	
R1013	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1014	VRE0221H50M	M.RESISTOR	1	
R1015	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1016	VRE0221H50M	M.RESISTOR	1	
R1017	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1100	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1103	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1105	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1106	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1107	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R1109	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1113,14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R1118	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1200	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1201	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1202	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1203	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	1	
R1204-07	ERJ3RBD333	M.RESISTOR CH 1/16W 33K	4	
R1208	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1210	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1211	ERJ3RBD562	M.RESISTOR CH 1/16W 5.6K	1	
R1212	ERJ3GEYJ474	M.RESISTOR CH 1/16W 470K	1	
R1213,14	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1215	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1216	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1217	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1218	ERJ3RBD683	M.RESISTOR CH 1/16W 68K	1	
R1219	ERJ3RBD681	M.RESISTOR CH 1/16W 680	1	
R1220	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1221	ERJ3RBD303	M.RESISTOR CH 1/16W 30K	1	
R1222,23	ERJ3RBD242	M.RESISTOR CH 1/16W 2.4K	2	
R1224	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1225	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1226	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1227	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1228	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1229	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1230	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1231	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1232	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1233	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1234	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R1235	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1236	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R1237	ERJ3GEYJ333	M.RESISTOR CH 1/16W 33K	1	
R1238	ERJ3GEYJ220	M.RESISTOR CH 1/16W 22	1	
R1239	ERJ14RSJR10	M.RESISTOR CH 1/4W 0.1	1	
R1240	ERJ3GEYJ100	M.RESISTOR CH 1/16W 10	1	
R1241	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1242	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1244	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1245	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1246	ERJ6GEYF472	M.RESISTOR CH 1/10W 4.7K	1	D0GD472JA003
R1248,49	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R1253,54	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	
R1404	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1405,06	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R1407	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R1408-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1412	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R1413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4000,01	ERJ12YJ181	M.RESISTOR CH 1/2W 180	2	
R4002	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4003	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4004,05	ERJ14YJ681	M.RESISTOR CH 1/4W 680	2	
R4006,07	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R4008	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4009	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4010,11	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4012	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4013	ERJ3RBD511	M.RESISTOR CH 1/16W 510	1	
R4014	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4015,16	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4017	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R4019,20	ERJ12YJ682	M.RESISTOR CH 1/2W 6.8K	2	
R4021	ERJ3GEYJ392	M.RESISTOR CH 1/16W 3.9K	1	
R4022,23	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R4024	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R4025	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4026,27	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	2	
R4028	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4029,30	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	2	
R4031	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R4032	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R4033	ERJ3GEYJ334	M.RESISTOR CH 1/16W 330K	1	
R4034	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R4035,36	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
SW4500	ESD11H230	SWITCH	1	
SW4501	VSS0342	SWITCH	1	K0D112B00056
T1200	G5D1A0000029	TRANSFORMER	1	
TG1401	EYF6CU	TEST POINT	1	
		MISCELLANEOUS		
	VMP7596	P.C.B. ROTATION ANGLE	2	
	VHD0325	SCREW	2	
	XWGV4D9G	WASHER	2	
	XWGV4Y9G	WASHER	2	
	XSB2+6FX	SCREW	2	
	VSC5520	CAM POWER SHILED CASE	1	
	VMZ2647	BARRIER	1	
■ E17	VEP81227A	VTR POWER P.C.BOARD	1	(RTL)
■	VEP001B9A	OVER CURR. CHECK P.C.BOARD	1	(RTL)FOR VEP81227A
C1	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C2	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C3,C4	ECUX1H180JCV	C.CAPACITOR CH 50V 18P	2	
C5-C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C8	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	1	
C100	ECST1AY106Z	T.CAPACITOR CH 10V 10U	1	
C101-04	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	4	
C105-14	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C1000	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1001,02	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C1003	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1004,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1007,08	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1009,10	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1011	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1012	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1013	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1014	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1015	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1016	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1017	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1018	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1019	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1020	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1021	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1100	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1101,02	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	2	
C1103	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1104,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1107,08	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1109,10	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1111	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1112	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1113	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1114	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1115	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1116	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1117	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1118	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1119	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1120	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1121,22	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	2	
C1201	ECUX1H330JCV	C.CAPACITOR CH 50V 33P	1	
C1202	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1204,05	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C1206	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1207	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1208	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1209	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
C1210	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1211	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1212	F2H0J2210003	E.CAPACITOR CH6.3V 220U	1	
C1213	ECUX1C106KBP	C.CAPACITOR CH 16V 10U	1	
C1300,01	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	2	
C1302	ECUX1H222KBV	C.CAPACITOR CH 50V 2200P	1	
C1303,04	ECUX1H221JCV	C.CAPACITOR CH 50V 220P	2	
C1305	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	1	
C1306	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
C1307	F1K1A475A007	C.CAPACITOR CH 10V 4.7U	1	
C1308	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1309	F2H1D470A004	E.CAPACITOR CH 20V 47U	1	
C1310	F2H1A1510001	E.CAPACITOR CH 10V 150U	1	
C1400,01	ECUM1E224KBN	C.CAPACITOR CH 25V 0.22U	2	
C1402,03	EEVHB1V100	E.CAPACITOR 35V 10U	2	
C1404	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C1405	ECUX1E104KBN	C.CAPACITOR CH 25V 0.1U	1	
C1406	ECUM1E473KBN	C.CAPACITOR CH 25V 0.047U	1	
C1407	ECUX1A105KBN	C.CAPACITOR CH 10V 1U	1	
D1	MA142K	DIODE	1	
D100	LNJ310M6URA	DIODE	1	
D101-08	MA147	DIODE	8	
D1000,01	MA142WK	DIODE	2	
D1002	NSQ03A04	DIODE	1	B0JCPE000013
D1003	MA8062-MH	DIODE	1	
D1004	NSQ03A04	DIODE	1	B0JCPE000013
D1005	MA8062-MH	DIODE	1	
D1006	MA142WA	DIODE	1	
D1007	MA142WK	DIODE	1	
D1100,01	MA142WK	DIODE	2	
D1102	NSQ03A04	DIODE	1	B0JCPE000013
D1103	MA8062-MH	DIODE	1	
D1104	NSQ03A04	DIODE	1	B0JCPE000013
D1105	MAZ80680KL	DIODE	1	
D1106	MA142WA	DIODE	1	
D1107	MA142WK	DIODE	1	
D1200	MA142WK	DIODE	1	
D1201	NSQ03A04	DIODE	1	B0JCPE000013
D1202	MA8062-MH	DIODE	1	
D1203,04	MA142K	DIODE	2	
D1300	MA142WK	DIODE	1	
D1301	NSQ03A04	DIODE	1	B0JCPE000013
D1302	MA142K	DIODE	1	
D1303,04	MAZ80680KL	DIODE	2	
D1305,06	MA142K	DIODE	2	
D1400	MA142K	DIODE	1	
D1401	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	1	D0YDR0000005
D1402	MA142K	DIODE	1	
IC1	C0EBE0000211	IC	1	
IC2	TC7W32FU	IC	1	
IC100	TVHC257FT	IC	1	C0JBAR000237
IC101	C0JBAB000350	IC	1	
IC102	C0JBAA000117	VHC	1	
IC103	TVHC257FT	IC	1	C0JBAR000237
IC104	C0JBAB000350	IC	1	
IC105	MAX3223CAP	IC	1	C0ZBZ0000220
IC106,07	THC4052FT	IC	2	
IC1000	LTC1628IG	IC	1	
IC1100	LTC1628IG	IC	1	
IC1200	LTC1628IG	IC	1	
IC1300	C0DBCFB00001	IC	1	
IC1400	C0DBZGH00001	IC	1	
IC1401	C0BBBA000019	IC	1	
ID1	VVVSI4004	SOFTWARE	1	
IP1	C2CBKJ000058	IC	1	
L1000-03	J0JBC0000019	FILTER	4	
L1004	G1A4R7H00002	COIL 4.7UH	1	
L1005	J0JKC0000009	FILTER	1	
L1006	VLQ0859M220	COIL 22UH	1	
L1007	G1A4R7H00002	COIL 4.7UH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
L1009	J0JKC0000009	FILTER	1	
L1010	VLQ0859M220	COIL 22UH	1	
L1011	G1A4R7H00002	COIL 4.7UH	1	
L1100-03	J0JBC0000019	FILTER	4	
L1104	G1A4R7H00002	COIL 4.7UH	1	
L1105	J0JKC0000009	FILTER	1	
L1106	VLQ0859M330	COIL 33UH	1	
L1107	G1A4R7H00002	COIL 4.7UH	1	
L1109	J0JKC0000009	FILTER	1	
L1110	VLQ0859M470	COIL 47U	1	
L1111,12	G1A4R7H00002	COIL 4.7UH	2	
L1200,01	J0JBC0000019	FILTER	2	
L1202	G1A4R7H00002	COIL 4.7UH	1	
L1203	J0JKC0000009	FILTER	1	
L1204	VLQ0859M330	COIL 33UH	1	
L1205	G1A4R7H00002	COIL 4.7UH	1	
L1300	J0JBC0000019	FILTER	1	
L1301	J0JKC0000009	FILTER	1	
L1302	VLQ0859M470	COIL 47U	1	
L1303,04	G1A4R7H00002	COIL 4.7UH	2	
P1	K1KA08B00147	CONNECTOR (FEMALE)	1	
P100	K1NA09E00029	CONNECTOR (MALE)	1	
P101	K1FA109B0052	CONNECTOR (MALE)	1	
P1000	K1KA04B00186	CONNECTOR (MALE)	1	
P1001	VJP3808E040	CONNECTOR (MALE)	1	K1KA40A00101
P1002	VJP4064L140	CONNECTOR (MALE)	1	K1KBE0B00003
Q1	B1DFFD000006	FET	1	FOR VEP001B9A
Q100	2SB956-R	TRANSISTOR	1	
Q1000-03	B1DFFD000006	FET	4	
Q1100-03	B1DFFD000006	FET	4	
Q1200,01	B1DFFD000006	FET	2	
Q1301	B1DFFD000006	FET	1	
Q1302	2SD1819ALL	TRANSISTOR	1	
Q1400	2SD1819ALL	TRANSISTOR	1	
QR1000,01	UNR521100L	TRANSISTOR	2	
QR1100,01	UNR521100L	TRANSISTOR	2	
QR1200	UNR521100L	TRANSISTOR	1	
QR1300	UNR521100L	TRANSISTOR	1	
QR1301	UNR511100L	TRANSISTOR	1	
QR1302	UNR521100L	TRANSISTOR	1	
QR1303	UNR511100L	TRANSISTOR	1	
QR1400	UNR521100L	TRANSISTOR	1	
QR1401	UNR511300L	TRANSISTOR	1	
QR1402-04	UNR521100L	TRANSISTOR	3	
QR1405	UNR511400L	TRANSISTOR-RESISTOR	1	
R1	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	1	
R1	ERJL14KJ50M	M.RESISTOR CH 1/4W 5	1	FOR VEP001B9A
R2	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R3	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R4	ERJ3GEYJ105	M.RESISTOR CH 1/16W 1M	1	
R5	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R6	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R7	EXBV8V101J	COMBI.R-R 100	1	
R8,R9	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R11,12	EXBV8V473J	COMBI.R-R 47K	2	
R13	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R14-16	EXBV8V473J	COMBI.R-R 47K	3	
R17	EXBV8V101J	COMBI.R-R 100	1	
R18-20	EXBV8V473J	COMBI.R-R 47K	3	
R21-23	EXBV8V101J	COMBI.R-R 100	3	
R24	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R26,27	EXBV8V473J	COMBI.R-R 47K	2	
R28	EXBV8V102J	COMBI.R-R 1K	1	
R32	EXBV8V473J	COMBI.R-R 47K	1	
R33	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R100	ERJ3GEYG471	M.RESISTOR CH 1/16W 470	1	
R101	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R103	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R104	ERJ3GEYG332	M.RESISTOR CH 1/16W 3.3K	1	
R105,06	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R107	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R108	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R109	ERJ3GEYJ562	M.RESISTOR CH 1/16W 5.6K	1	
R110	ERJ3GEYJ563	M.RESISTOR CH 1/16W 56K	1	
R111,12	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	2	
R116	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R117,18	EXBV8V473J	COMBI.R-R 47K	2	
R119	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R120	D1H8R0040001	COMBI.R-R 0	1	
R122	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R125-28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R133-36	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R1000	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1002	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1003,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1005	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1006	ERJ3RBD392	M.RESISTOR CH 1/16W 3.9K	1	
R1007	ERJ3RBD682	M.RESISTOR CH 1/16W 6.8K	1	
R1009	ERJ3RBD621	M.RESISTOR CH 1/16W 620	1	
R1010	ERJ3RBD471	M.RESISTOR CH 1/16W 470	1	
R1011	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1012	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1013	VRE0221H15M	M.RESISTOR	1	
R1014	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1015	VRE0221H33M	M.RESISTOR	1	
R1016	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1017	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1100	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1102	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1103,04	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	2	
R1105	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1106	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1107	ERJ3RBD183	M.RESISTOR CH 1/16W 18K	1	
R1109	ERJ3RBD301	M.RESISTOR CH 1/16W 300	1	
R1110	ERJ3RBD182	M.RESISTOR CH 1/16W 1.8K	1	
R1111	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1112	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1113	VRE0221H15M	M.RESISTOR	1	
R1114	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1115	VRE0221H15M	M.RESISTOR	1	
R1116	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1117	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1200	ERJ3RBD332	M.RESISTOR CH 1/16W 3.3K	1	
R1202	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1203	ERJ3GEYJ153	M.RESISTOR CH 1/16W 15K	1	
R1206	ERJ3RBD113	M.RESISTOR CH 1/16W 11K	1	
R1207	ERJ3RBD561	M.RESISTOR CH 1/16W 560	1	
R1209	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1210	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1211	ERJ6GEYJ100	M.RESISTOR CH 1/10W 10	1	
R1212	VRE0221H50M	M.RESISTOR	1	
R1213	ERJ3GEYG102	M.RESISTOR CH 1/16W 1K	1	
R1300	ERJ3GEYJ104	M.RESISTOR CH 1/16W 100K	1	
R1302	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1303	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R1305	ERJ3RBD472	M.RESISTOR CH 1/16W 4.7K	1	
R1306	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R1307	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R1309	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1313,14	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	2	
R1315	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R1404	ERJ3RBD473	M.RESISTOR CH 1/16W 47K	1	
R1405,06	ERJ3RBD223	M.RESISTOR CH 1/16W 22K	2	
R1407	ERJ3RBD273	M.RESISTOR CH 1/16W 27K	1	
R1408-10	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	3	D0GB103JA002
R1412	ERJ3GEYJ331	M.RESISTOR CH 1/16W 330	1	
R1413	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R1414	ERJ3GEYG472	M.RESISTOR CH 1/16W 4.7K	1	
R1415	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
R1416	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R1417	ERJ3GEYJ270	M.RESISTOR CH 1/16W 27	1	
SW1	K0N116A00031	SWITCH	1	
SW2	VSS0367-04B	SWITCH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
TG1401,02	EYF6CU	TEST POINT	2	
X1	H0J614400002	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMP7596	P.C.B. ROTATION ANGLE	1	
	VMP7597	ROTATION STAY	1	
	VMP7594	VTR P.C.B. HOLDER ANGLE	1	
	VHD0325	SCREW	2	
	XWGV4D9G	WASHER	1	
	XWGV4Y9G	WASHER	1	
	XWGV4Z9G	WASHER	1	
	VMS7297	SPACER	3	
	XYN26+J6	SCREW	1	
	XSB2+6FX	SCREW	2	
	XYN3+J8	SCREW	2	
	XYN2+F6	SCREW	3	
■ E18	VEP86149A	OPERATE P.C.BOARD	1	(RTL)
D6001-03	B3AAB0000044	LED	3	
P501	VJP3125B010	CONNECTOR (MALE)	1	K1KA10B00136
SW6001-05	EVQPHL03T	SWITCH	5	
		MISCELLANEOUS		
	VEE9417	P.C.B. INT CABLE	1	
■ E19	VEP80C51A	INTERFACE P.C.BOARD	1	(RTL)
C9803	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
L9801	VLF1151A132	COIL	1	
P9801	VJP4064L080	CONNECTOR (MALE)	1	
P9803	WR-70P-VF-1	CONNECTOR	1	K1KB70A00029
P9804,05	VJP4395D003	CONNECTOR (MALE)	2	
P9806	VJP4395D005	CONNECTOR (MALE)	1	
P9807	VJS3791B020	CONNECTOR (FEMALE)	1	
P9808	K1KBA0B00024	CONNECTOR (FEMALE)	1	
P9809	VJP4395D004	CONNECTOR (MALE)	1	
P9810	VJP4395B006	CONNECTOR (MALE)	1	
P9811	VJP4395D008	CONNECTOR (MALE)	1	
R9801	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9806	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R9816	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9819,20	J0JBC0000019	FILTER	2	
R9821-25	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	5	
R9827,28	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R9830	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R9832-83	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	52	
		MISCELLANEOUS		
	VMP7598	I/F P.C.B. HOLDER ANGLE	2	
	XYN26+J6	SCREW	2	
	XSB2+6FX	SCREW	2	

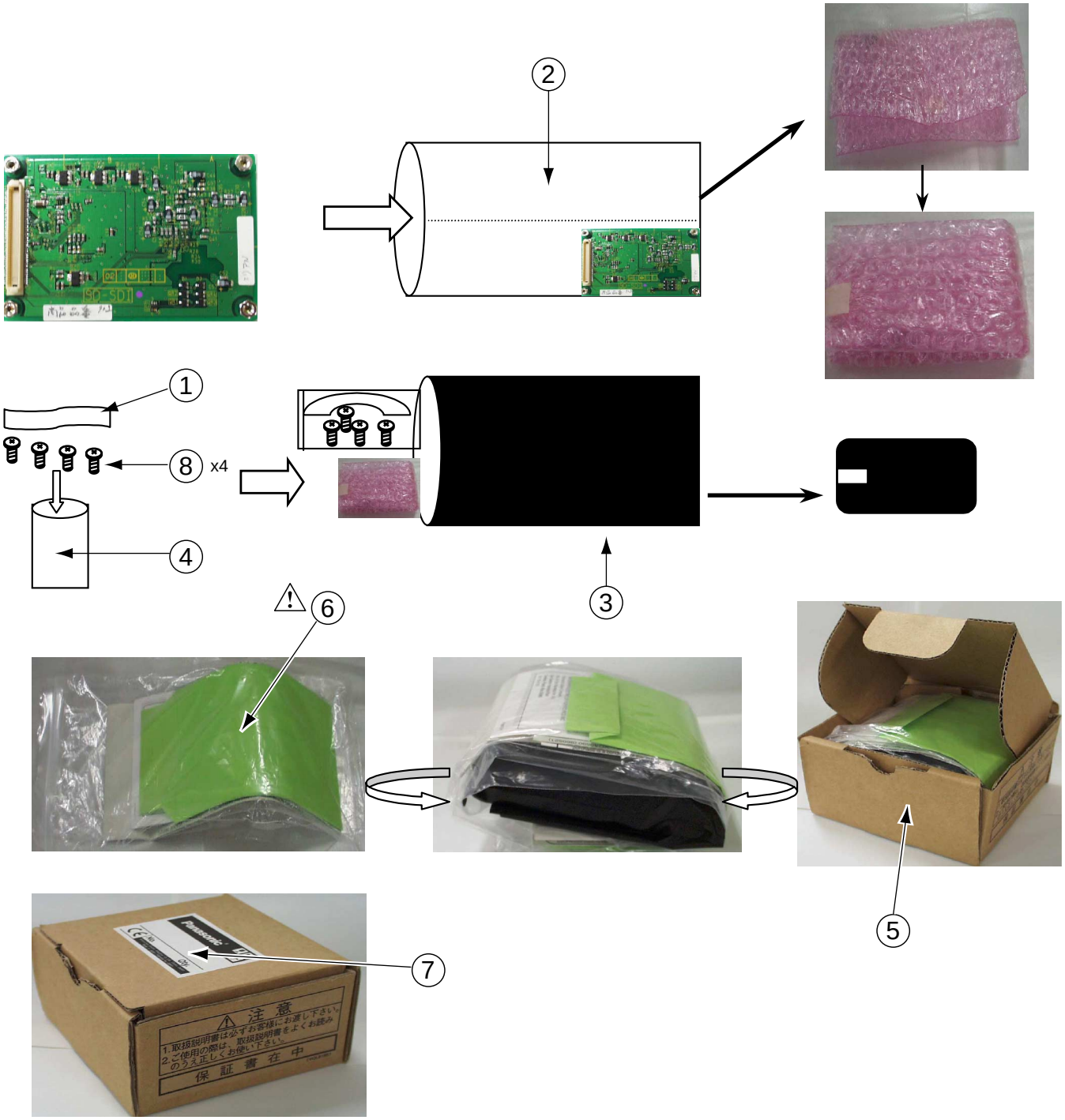
Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E20	VEP80C52A	REAR JACK P.C.BOARD	1	(RTL)
C4101-06	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	6	
C4107-10	ECUX1H471JCV	C.CAPACITOR CH 50V 470P	4	
D4101	KR5009X-1C	DIODE	1	
J4101,02	K1AB103A0007	CONNECTOR (MALE)	2	
L4101-04	VLQ0319K100	COIL 10UH	4	G1C100K00023
P4101	VJS3826C024	CONNECTOR (FEMALE)	1	
R4102,03	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4107,08	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4111,12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R4113-20	ERJ3RBD222	M.RESISTOR CH 1/16W 2.2K	8	
R4121-24	ERJ3RBD102	M.RESISTOR CH 1/16W 1K	4	
R4125-28	ERJ3RBD132	M.RESISTOR CH 1/16W 1.3K	4	
R4129	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R4132	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
SW4101,02	K0D143A00008	SWITCH	2	
		MISCELLANEOUS		
	VMX2162	LED SPACER	1	K9ZZ00000652
■ E21	VEP80C53A	L SIDE P.C.BOARD	1	(RTL)
J1-J4	VJS1440	CONNECTOR (FEMALE)	4	
P1	VJP4395D008	CONNECTOR (MALE)	1	
R1-R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	8	
		MISCELLANEOUS		
	VMP7593	BNC HOLDER ANGLE	1	
■ E22	VEP80C54A	FRONT MIC P.C.BOARD	1	(RTL)
C9001-03	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	3	
J9001	K1AB103B0013	CONNECTOR (FEMALE)	1	
L9001-03	VLF1315A102	FILTER	3	J0JHC0000015
P9001	VJP4395D008	CONNECTOR (MALE)	1	
■ E23	VEP80C57A	FRONT SW P.C.BOARD	1	(RTL)
P1	K1MN14A00013	CONNECTOR	1	
P2	VJP4395C006	CONNECTOR	1	
P3	VJP4395D007	CONNECTOR (MALE)	1	
R5-R8	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	
R10-13	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
SW1	VST0194	SWITCH	1	K0E132A00002
SW2	VST0195	SWITCH	1	K0E132A00003
		MISCELLANEOUS		
	VMP7584	P.C.B. HOLDER ANGLE	1	
■ E24	VEP80C58A	MENU SW P.C.BOARD	1	(RTL)
C101	ECST1CY225ZR	T.CAPACITOR CH 16V 2.2U	1	
C102	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C103,04	ECUX1H103ZFV	C.CAPACITOR CH 50V 0.01U	2	
C105-07	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
D101-03	MA147	DIODE	3	
IC101,02	C0JBAB000243	IC	2	
J101	K4CD01000006	LUG TERMINAL	1	
P101	VJP4395D007	CONNECTOR (MALE)	1	
R101	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R102	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R103	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
R104	ERJ3RBD103	M.RESISTOR CH 1/16W 10K	1	
R105	ERJ3RBD151	M.RESISTOR CH 1/16W 150	1	
R108	ERJ3RBD272	M.RESISTOR CH 1/16W 2.7K	1	
SW101	EVQB1D10809B	SWITCH	1	
SW102,03	VST0335	SWITCH	2	K0H1BA000373
■ E25	VEP80C59A	SYNCHRO P.C.BOARD	1	(RTL)
SW9101,02	K0H1BA000443	SWITCH	2	
		MISCELLANEOUS		
	VEE0W23	SYNCHRO SW CABLE	1	
■ E26	VEP80C60A	FRONT VR P.C.BOARD	1	(RTL)
P9201	VJP4395B006	CONNECTOR (MALE)	1	
P9202	VJP3172D002	CONNECTOR (MALE)	1	K1KA02B00051
SW9201	VST0335	SWITCH	1	K0H1BA000373
VR9201	VRV0300	V.RESISTOR	1	D2BCC14Y0001
■ E27	VEP80C61A	USER P.C.BOARD	1	(RTL)
P9301	VJP3172D003	CONNECTOR (MALE)	1	K1KA03B00006
SW9301,02	K0H1BA000443	SWITCH	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E28	VEP80C62A	TOGGLE P.C.BOARD	1	(RTL)
P9401	VJP4395D008	CONNECTOR (MALE)	1	
SW9401	VST0326	SWITCH	1	K0E112G00009
SW9402-04	VST0327	SWITCH	3	K0E112G00010
■ E29	VEP80C64A	HEADPHONE P.C.BOARD	1	(RTL)
C9601,02	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
J9601	VJJ0522	JACK	1	K2HC103B0082
L9601,02	J0JBC0000041	FILTER	2	
P9601	VJP4395D004	CONNECTOR (MALE)	1	
■ E30	VEP80C71A	EXT DC P.C.BOARD	1	(RTL)
D101	S3V60	DIODE	1	B0EAKR000020
J101	VJP3429	CONNECTOR (MALE)	1	K1AA104H0024
		MISCELLANEOUS		
	VEE0K14	EXT DC INF CABLE	1	
	VEE0L74	EXT DC CABLE	1	
■ E31	VEP80A74A	BACK TALLY P.C.BOARD	1	(RTL)
D1	TLRA116	DIODE	1	
SW1	VST0131	SWITCH	1	K0E122A00016
		MISCELLANEOUS		
	VEE9418	CABLE	1	
	VMX2126	LED SPACER	1	

PACKING PARTS ASSEMBLY (AJ-YA902G)

Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.

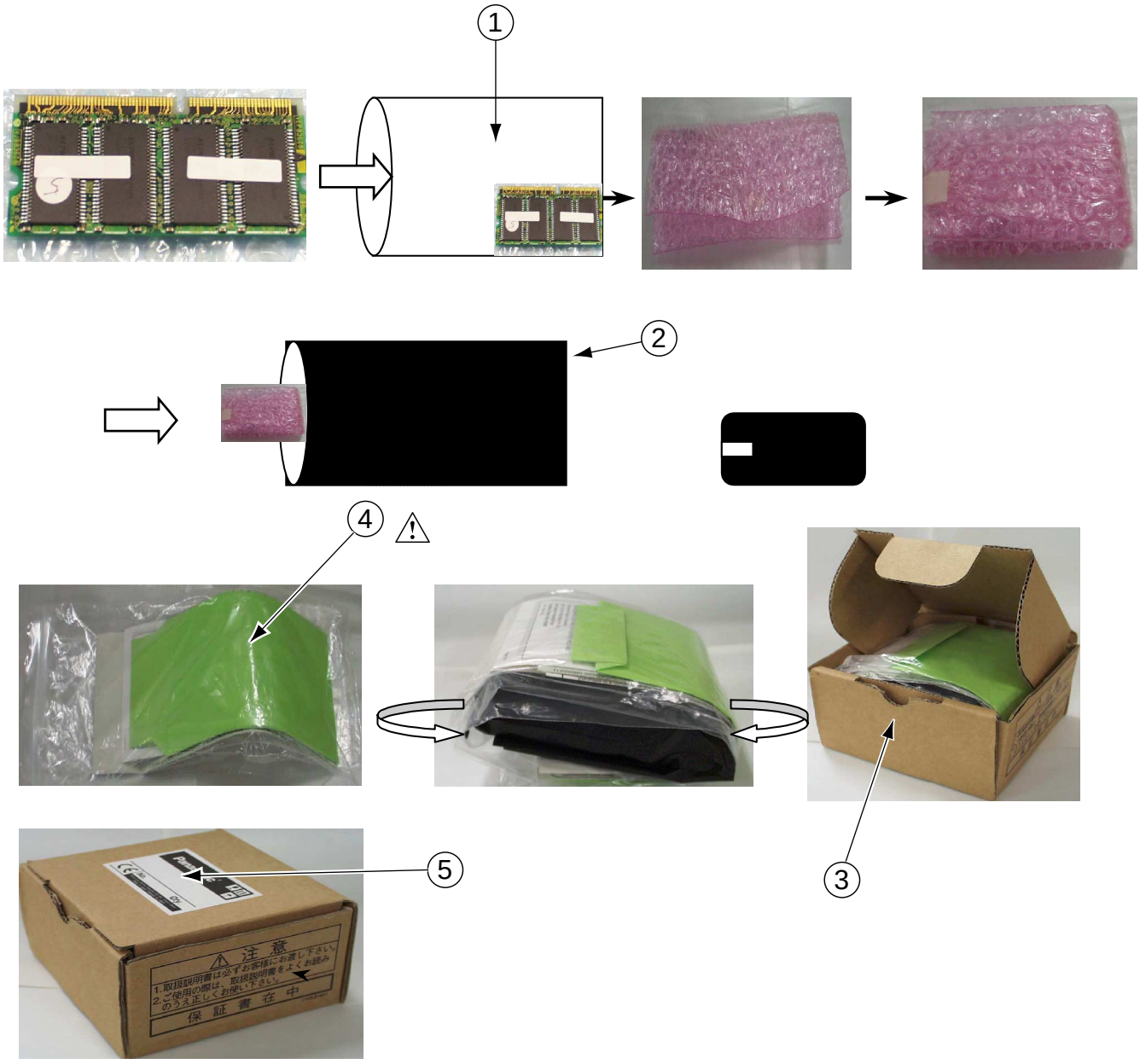


Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VEE0E12300A	SDI CABLE	1	
2	VPF0359	POLYETHYLENE BAG	1	
3	VPF0679	AIR BAG	1	
4	VPF1016	POLYETHYLENE BAG	1	
5	VPG3121	PACKING CASE	1	
⚠6	VQT0D51	OPERATING INSTRUCTIONS	1	
7	VQL0A25	PACKING LABEL	1	
8	XYN26+K4	SCREW	4	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

PACKING PARTS ASSEMBLY (AJ-YA903G)

Components identified with the mark ⚠ have the special characteristics for safety.
When replacing any of these components, use only the same type.



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1	VPF0359	POLYETHYLENE BAG	1	
2	VPF0679	AIR BAG	1	
3	VPG3121	PACKING CASE	1	
⚠4	VQT0D52	OPERATING INSTRUCTIONS	1	
5	VQL0A25	PACKING LABEL	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

ELECTRICAL REPLACEMENT PARTS LIST (AJ-YA902G)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP83607A	SD SDI P.C.BOARD	1	(RTL)
■ E1	VEP83607A	SD SDI P.C.BOARD	1	(RTL)
C1,C2	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	2	
C3	F1K0J1060002	C.CAPACITOR CH6.3V 10U	1	
C4	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C5	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	1	
C6	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C7	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	1	
C8	EEFCD0J330R	E.CAPACITOR 6.3V 33U	1	
C9-18	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	10	
C19-21	ECUX1A105KBV	C.CAPACITOR CH 10V 1U	3	
C22-24	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	3	
C25-27	EEFCD0J330R	E.CAPACITOR 6.3V 33U	3	
C28,29	ECST1CY105	C.CAPACITOR CH 16V 1U	2	
C30,31	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C32,33	ECST1CY105	C.CAPACITOR CH 16V 1U	2	
C34	ECUX1H102KBV	C.CAPACITOR CH 50V 1000P	1	F1H1H102A009
C35,36	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C37	F1H1H104A783	C.CAPACITOR CH 50V 0.1U	1	
C38-41	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	4	
C42,43	ECUX1H102JCV	C.CAPACITOR CH 50V 1000P	2	
C44	ECST1CY105	C.CAPACITOR CH 16V 1U	1	
C45,46	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C48,49	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C50	ECST1CY105	C.CAPACITOR CH 16V 1U	1	
C51,52	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C53,54	ECST1CY105	C.CAPACITOR CH 16V 1U	2	
C55,56	ECUX1H103KBV	C.CAPACITOR CH 50V 0.01U	2	
C57	ECST1CY105	C.CAPACITOR CH 16V 1U	1	
C58	VLQ078210N	COIL	1	G1C10NGA0001
C59	VLQ07821N0	COIL	1	G1C1N0Z00004
C60,61	ECST1CY475	T.CAPACITOR CH 16V 4.7U	2	
D1,D2	MA142K	DIODE	2	
FL1	J0HAAC000013	FILTER	1	
IC1	XC62FP3202P	IC	1	
IC2	C1AB00001648	IC	1	
IC3	XC62FP3202P	IC	1	
IC4	C0CBAAD00008	IC	1	
IC5	XC62FP3202P	IC	1	
IC6	C1ZBZ0002146	IC	1	
IC7	C0JBAB000350	IC	1	
J2-J4	VJP4131	CONNECTOR (MALE)	3	K1QZB1AD0003
P1	VJP3978A100A	CONNECTOR (FEMALE)	1	
QR1	UNR511300L	TRANSISTOR	1	
QR2	UNR521F00L	TRANSISTOR	1	
QR3	UNR511300L	TRANSISTOR	1	
QR4	UNR521F00L	TRANSISTOR	1	
R1,R2	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	2	D0YDR0000005
R4,R5	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R6	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R7-10	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	4	
R12	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R13	ERJ3GEYJ103	M.RESISTOR CH 1/16W 10K	1	D0GB103JA002
R17,18	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	
R22-24	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	3	D0YDR0000005

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
R25	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R26-29	ERJ6GEY0R00	M.RESISTOR CH 1/10W 0	4	D0YDR0000005
R30	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R31	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R32	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	1	
R34	ERJ3GEYJ473	M.RESISTOR CH 1/16W 47K	1	
R35,36	ERJ3RBD561	M.RESISTOR CH 1/16W 560	2	
R37	ERJ3RBD153	M.RESISTOR CH 1/16W 15K	1	
R39-42	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	4	
R44	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R45,46	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	2	
R47	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
R48-51	ERJ3GEYJ182	M.RESISTOR CH 1/16W 1.8K	4	
R52,53	EXBV8V101J	COMBI.R-R 100	2	
R54-57	ERJ3GEYJ101	M.RESISTOR CH 1/16W 100	4	
R58,59	EXBV8V101J	COMBI.R-R 100	2	
R60,61	ERJ3RED750	M.RESISTOR CH 1/16W 75	2	
R63-65	ERJ3RED750	M.RESISTOR CH 1/16W 75	3	
R66	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	1	
RY1,Y2	K6B2ABA00002	RELAY	2	
TG1,G2	EYF6CU	TEST POINT	2	
X1	H4G1487B0002	CRYSTAL OSCILLATOR	1	
		MISCELLANEOUS		
	VMS6135	P.C.B. POST (26SP-6)	4	
	XYN26+K4	SCREW	4	

ELECTRICAL REPLACEMENT PARTS LIST (AJ-YA903G)

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
■ E1	VEP83608A	PRE REC P.C.BOARD	1	(RTL)
■ E1	VEP83608A	PRE REC P.C.BOARD	1	(RTL)
C1-33	ECUX1E104ZFV	C.CAPACITOR CH 25V 0.1U	33	
IC1-C8	C3ABRG000011	IC	8	
L1	J0JKC0000009	FILTER	1	
R2,R3	ERJ3GEY0R00	M.RESISTOR CH 1/16W 0	2	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks

SECTION 1

SERVICE INFORMATION

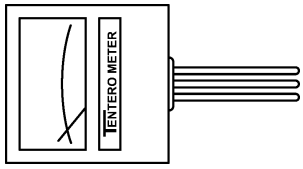
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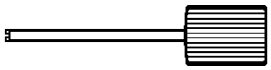
1. Servicing Fixtures & Tools

No.	Part No.	Fixture & Tool Name	Remarks
1	VFK1145A	Back Tension Meter (T2-M30-P)	
2	VFK1149B	Post Driver (2.5mm)	
3	VFK71A	Dial Torque Gauge (1.5cN-m)	150g
4	VFK1191A	Dial Torque Gauge (0.45cN-m)	45g
5	VFK1152	Dial Torque Gauge Adapter	
6	VFK0357	Eccentric Driver (1.5mm)	
7	VFK1154	Post Height Fixture	
8	VFK1153	Mech. Neutral Plate (M)	For Post Height
9	VFK1155	REV Position Tool (Silver)	
10	VFK1156	PLAY Position Tool (Black)	
11	VFK1208	Neutral Position Tool (Black with Hole)	
12	VFK1150A	Nut Driver (5.5mm)	
13	VFK1151A	Nut Driver (2.5mm)	
14	VFK1188A	Dial Tension Gauge (30mN)	30g
15	VFK0948A	Check Light	
16	VFK0749	Froiral Grease	For Plastic
17	MOR265	Morlytone Grease	For Metallic
18	VFK1146A	Phillips Driver (Fine) (00-75)	
19	VFK1147A	Phillips Driver (Fine) (0-100)	
20	VFK1148A	Hex. Driver (1.5mm)	
21	VFK1178A	Hex. Driver (0.89mm)	
22	VFK1179A	Hex. Driver (0.71mm)	
23	VFK1190	Hex. Wrench	
24	VFK1209A	Torque Driver (4-30cN-m)	0.4-3kg
25	VFK1375	Hex. Bit (1.5mm)	
26	VFK1300	AD Board (DAQ-12 Quatech)	
27	VFM3580KM	Alignment Tape (No.1) (NTSC)	Color bar Master (M-Cassette)
	VFM3680KM	Alignment Tape (No.1) (PAL)	Color bar Master (M-Cassette)
28	VFM3581KM	Alignment Tape (No.2) (NTSC)	LISTA (M-Cassette)
	VFM3681KM	Alignment Tape (No.2) (PAL)	LISTA (M-Cassette)
29	VFM3582KM	Alignment Tape (No.3) (NTSC)	X Value (M-Cassette)
	VFM3682KM	Alignment Tape (No.3) (PAL)	X Value (M-Cassette)
30	AJ-CL12MP	Cleaning Tape	Sales Route
31	* VFK1481F	LISTA Software	* Download from WEB the site.
32	VFK1186	LISTA Cable	
33	VFK0369	Tweezer	
34	VFK0371	Long Nose Plier	
35	VFK0372	Cutting Plier	
36	VFK0337	Phillips Screwdriver	
37	VFK0338	Alignment Screwdriver	
38	VFK1423	Tape Sensor Adjustment Cassette	
39	VFK0906	Lubrication Oil	
40	VFK0645	Grayscale Chart	
41	VFK1304A	FLASH Memory Version Up Tool	
42	* VFK1468A	FLASH Memory Version Up Software	* Download from WEB the site.
43	VFK1881	CC Filter	LBB-12 (fuji D-type filter)
44	-----	AJ-SDX900 Camera Adjustment Software	* Download from WEB the site.
45	-----	AJ-SDX900 VTR Adjustment Software	* Download from WEB the site.

1 **VFK1145A (T2-M30-P)**
Back Tension Meter

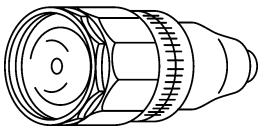


2 **VFK1149B (2.5mm)**
Post Driver

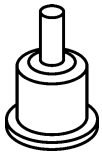


3 **VFK71A 1.5cN-m (150g)**

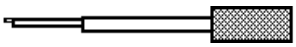
4 **VFK1191A 0.45cN-m (45g)**
Dial Torque Gauge



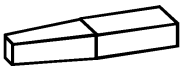
5 **VFK1152**
Dial Torque Gauge Adapter



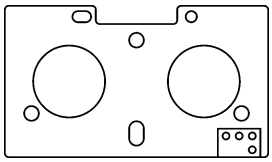
6 **VFK0357**
Eccentric Driver (1.5mm)



7 **VFK1154**
Post Height Fixture

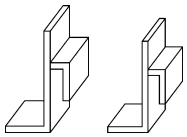


8 **VFK1153**
Mech. Neutral Plate (M) (For Post Height)

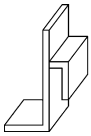


9 **VFK1155**
REV Position Tool (Silver)

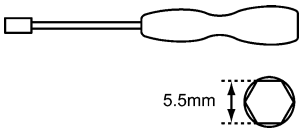
10 **VFK1156**
PLAY Position Tool (Black)



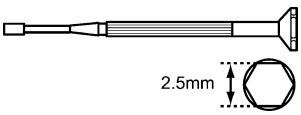
11 **VFK1208**
Neutral Position Tool (Black with Hole)



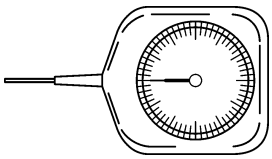
12 **VFK1150A**
Nut Driver (5.5mm)



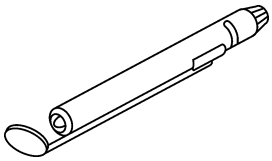
13 **VFK1151A**
Nut Driver (2.5mm)



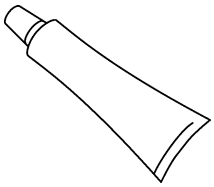
14 **VFK1188A 30mN (30g)**
Dial Tension Gauge



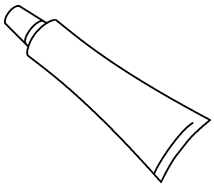
15 **VFK0948A**
Check Light



16 **VFK0749**
Froiral Grease (for Plastic)

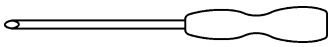


17 **MOR265**
Morlytone Grease (for Metallic)



18 **VFK1146A**

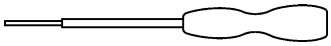
19 **VFK1147A**
Phillips Driver (Fine)



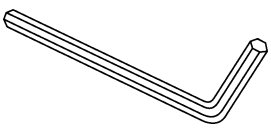
20 **VFK1148A (1.5mm)**

21 **VFK1178A (0.89mm)**

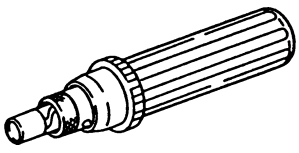
22 **VFK1179A (0.71mm)**
Hex. Driver



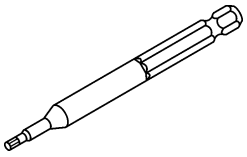
23 **VFK1190**
Hex. Wrench



24 **VFK1209A 4-30cN-m (0.4-3kg)**
Torque Driver



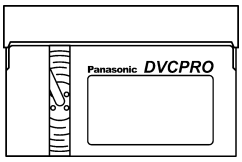
25 **VFK1375**
Hex. Bit



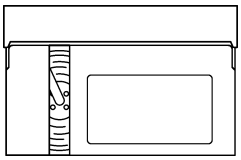
26 VFK1300
AD Board
(DAQ-12 Quatech)



27 VFM3580KM (NTSC) or VFM3680KM (PAL)
28 VFM3581KM (NTSC) or VFM3681KM (PAL)
29 VFM3582KM (NTSC) or VFM3682KM (PAL)
Alignment Tape



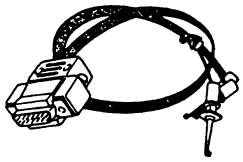
30 AJ-CL12MP
Cleaning Tape



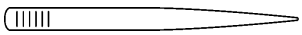
31 VFK1481F
LISTA Software

DOWN LOAD

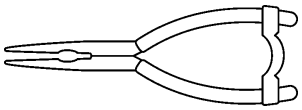
32 VFK1186
LISTA Cable



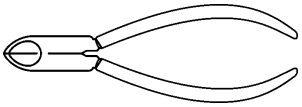
33 VFK0369
Tweezer



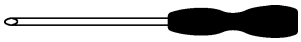
34 VFK0371
Long Nose Plier



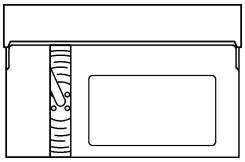
35 VFK0372
Cutting Plier



36 VFK0337
Phillips Screwdriver
37 VFK0338
Alignment Screwdriver



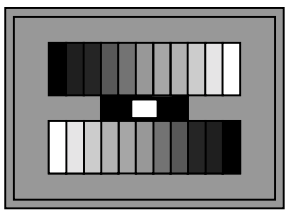
38 VFK1423
Tape Sensor
Adjustment Cassette



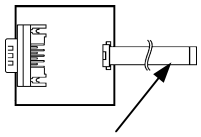
39 VFK0906
Lubrication Oil



40 VFK0645
Gray-scale Chart



41 VFK1304A
Flash Memory Version Up tool

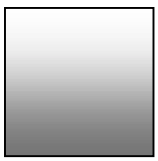


Flexible Cable
Part No: VWJ20E5500L0

42 VFK1468A
Flash Mem. Ver. Up Software

DOWN LOAD

43 VFK1881
CC Filter



44 -----
AJ-SDX900
Camera Adjustment Software

DOWN LOAD

45 -----
AJ-SDX900
VTR Adjustment Software

DOWN LOAD

2. Alignment Tape

2-1. VFM3580KM (NTSC) (25M adjustment tape)

Time (min.)	VIDEO		PCM		CUE	
	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	Color Bar SMPTE (75%)	Confirmation of the Composite Video Level	1KHz -20dB	Confirmation of the Audio Level	1KHz 0VU	Confirmation of the CUE Level
7:00	Color Bar (100%)	Confirmation of the Composite Video Level				
14:00	H Sweep	Frequency Characteristic			6KHz 0VU	A/C Head Azimuth Adjustment
18:00	Bowtie (500K)	Y/C Timing				
22:00	Pulse & Bar	Y/C Timing			300, 500, 1K 2K, 4K, 6KHz	Frequency Characteristic
26:00	Area Marker	Video Start Timing			-----	-----

2-2. VFM3680KM (PAL) (25M adjustment tape)

Time (min.)	VIDEO		PCM		CUE	
	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	Color bar 100%	Video level Confirmation	1KHz –18dB	Confirmation of the audio level	1KHz Reference Level	Cue Level Confirmation
10:00	H Sweep	Frequency Response				
14:00	Area Markers	Video start timing			6KHz Reference Level	A/C head Azimuth Adjustment
18:00	Bow tie (500K)	Y/C timing				
22:00	Pulse & bar	Y/C timing			1KHz 300KHz-6KHz	Frequency Response
26:00 30:00	Multi Pulse	Y/C timing	-----	-----	-----	-----

2-3. VFM3581KM (NTSC)/VFM3681KM (PAL) (Manufacturer (LISTA) adjustment tape)

Time (min.)	VIDEO		PCM		CUE	
	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	ITI Pattern	Linearity Adjustment	---	---	---	---

2-4. VFM3582KM (NTSC)/VFM3682KM (PAL) (Manufacturer (X-value) adjustment tape)

Time (min.)	VIDEO		PCM		CUE	
	SIGNAL	PORPOSE	SIGNAL	PORPOSE	SIGNAL	PORPOSE
0:00	Color Bar (75%) (with drop-out track)	X Value Adjustment	---	---	6KHz 10VU	X Value Adjustment

3. List of Recommended Measuring and Instruments

MODEL No. (Example)	NAME	REMARKS
	Monitor TV	
1760 (op. SCH) or 1780R (NTSC)	Waveform Monitor	
1761 (op. SCH) or 1781R (PAL)	Vector Scope	
	Oscilloscope	
	Digital Volt Meter (D.V.M.)	
	Frequency Counter	
	Audio Analyzer	
	Halogen Lamp (X2)	500W 3200K
	Lux Meter	
	Color Pyrometer	
	Light Box	Recommend Spherical Type for white shading adjustment

4. Maintenance Schedule

	Part Name	Part Number	Hours of Use (unit hours)						
			1,000H	2,000H	4,000H	6,000H	8,000H	10,000H	12,000H
	Cleaning of the tape transport		**"C": every 500 hours**						
1	Cylinder Ass'y	VEG1617		**R**	**R**	**R**	**R**	**R**	**IM**
2	Pinch Arm Ass'y	VXL2835C	**R,Y,G**	**R,Y,G**	**R,Y,G**	**R,Y,G**	**R,Y,G**	**R,Y,G**	**IM**
3	Cleaning Arm Ass'y	VXL3027C	**R,Y**	**R,Y**	**R,Y**	**R,Y**	**R,Y**	**R,Y**	**IM**
4	S Reel Motor Ass'y	VEM0629			**R**		**R**		**IM**
	T Reel Motor Ass'y	VEM0630							
5	Thrust Screw Ass'y	VXQ0556			**R,L**		**R,L**		**IM**
6	S1 Loading Arm Ass'y	VXL2812				**R**			**IM**
7	T1 Boat Ass'y	VXA6379				**R**			**IM**
8	S5 Post Base Arm Ass'y	VXA7361				**R**			**IM**
9	Tension Arm Ass'y	VXL2832				**R**			**IM**
10	S Brake Arm Ass'y	VXL2705				**R**			**IM**
	T Brake Arm Ass'y	VXL2706							
11	Mode Switch Ass'y	VES0918C				**R**			**IM**
12	A/C Head	VED0419							**IM**
13	Loading Motor (1) Ass'y	VEM0645C							**IM**
14	Pinch Solenoid	VSJ0227							**IM**
15	S,T Brake Solenoid	VSJ0216							**IM**
16	MIC Sensor Switch Base Ass'y	VXA5583C							**IM**
17	Cleaner Solenoid	VSJ0226							**IM**
18	Main Cam Gear	VDG1168							**IM**
19	Mechanism Ass'y	VXY1754(E/MC) VXY1790(P)							**IM**
20	Cassette Compartment Ass'y	VXA6361							**IM**

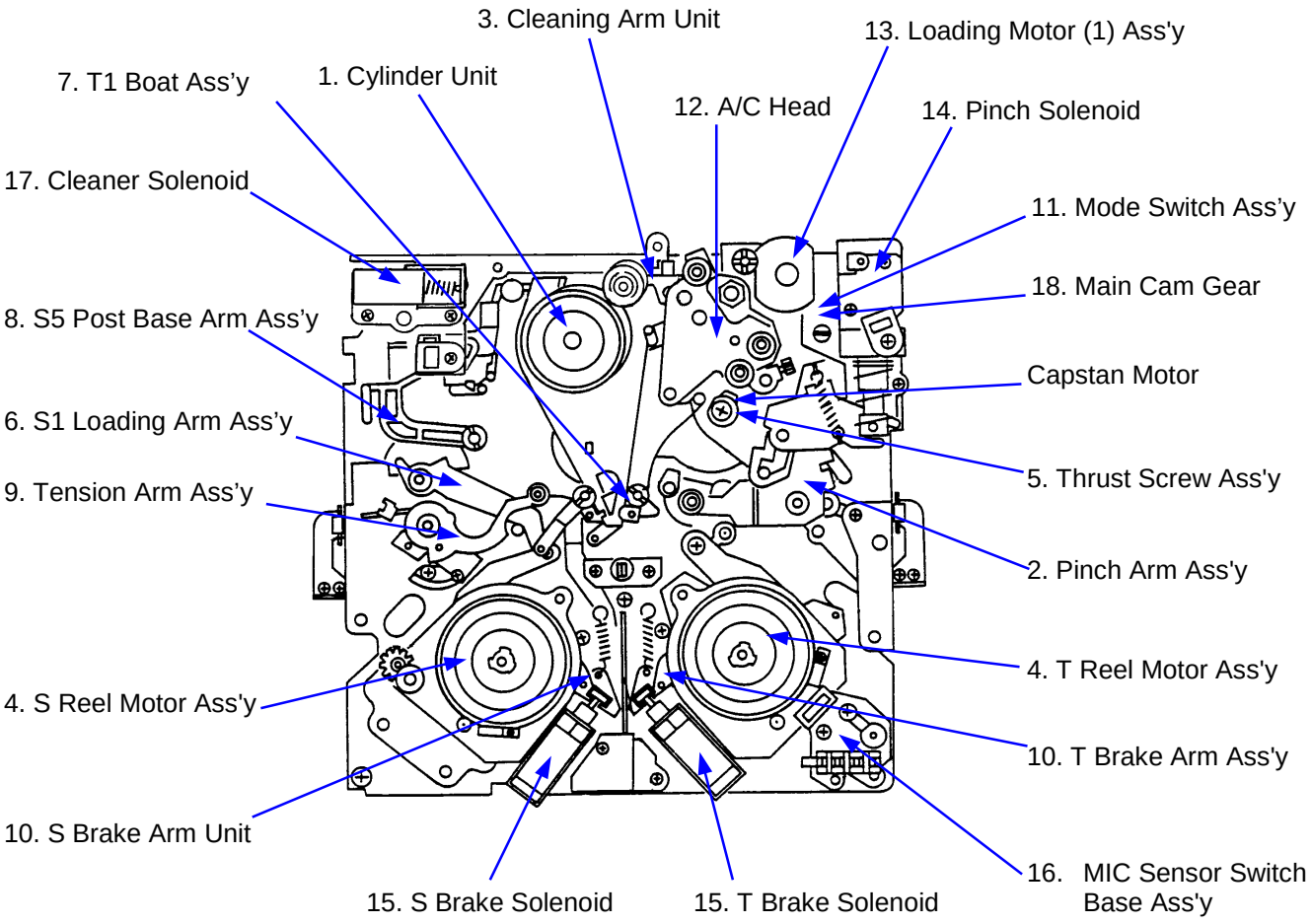
Replacement of the mechanism chassis unit is recommended for the 12,000 h maintenance.

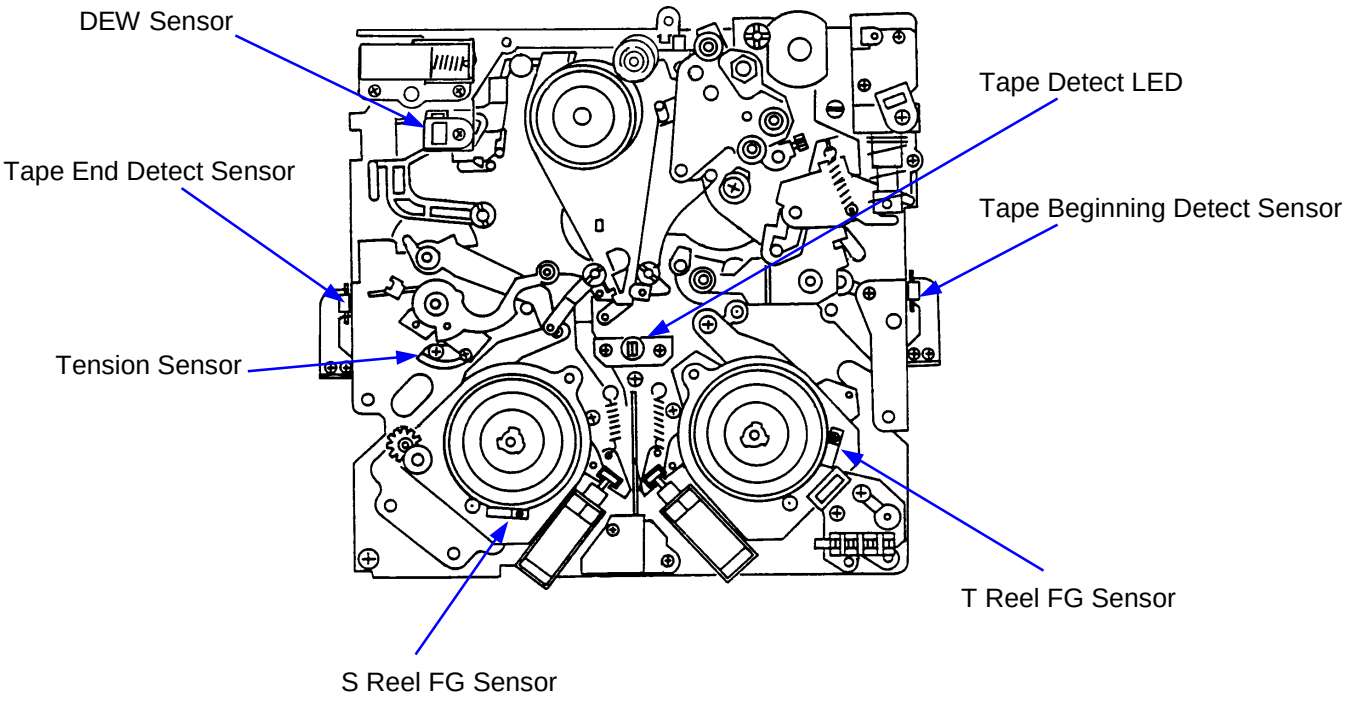
"**C**" : Perform cleaning.
"**R**" : Assembly subject to exchange.
"**Y**" : The timing of replacement with Cleaning Arm Unit, either 1000 hours or 1 year as timing come earlier.
"**G**" : At the time of replacement, wipe off the old grease and apply new grease. (Molytone Grease)
"**L**" : Lubrication is necessary.
"**IM**" : Included in the mechanical chassis unit when the mechanical chassis unit is not replaced, replacement as a single part is required.

<Note:>

The Hours of use indicates the cylinder rotation time (DRUM RUN).
The maintenance execution time shown in the chart is recommendation for standard maintenance execution.
This is not the life of the various parts.
The life is influenced by temperature, humidity, dust, etc.

5. Layout of the Maintenance Parts & Sensors





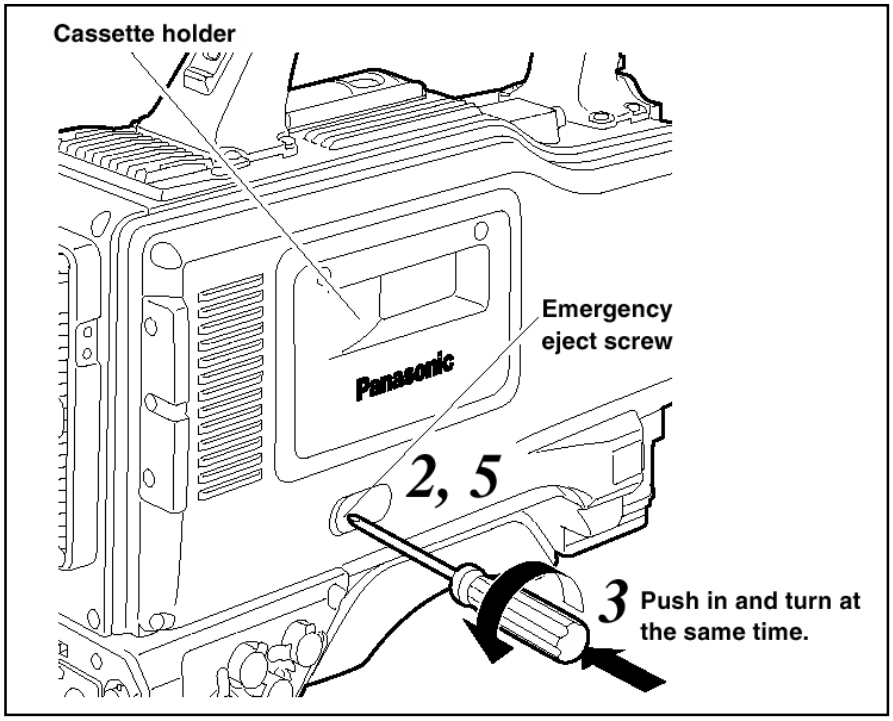
6. Emergency Eject

If the cassette cannot be ejected by pressing the EJECT button, use a screwdriver or similar tool to press and turn the EMERGENCY screw. This enables the cassette to be removed.

1. Turn the power OFF.
2. Remove the rubber cap where shown in the figure. Insert a Phillips head screwdriver into the cross-shaped part of the EMERGENCY screw (red).
3. While pushing in with the screwdriver, turn the EMERGENCY screw counterclockwise until the tape is ejected.
   - This screw needs to be rotated through about 20 turns after the first turn until the unloading can be started.
   - This screw needs to be rotated through about 90 turns after the first turn until the tape is ejected.
4. Remove the cassette.
5. Return the rubber cap to its original position.

< Notes >

- Do not turn the EMERGENCY screw except in an emergency.
- Do not turn the screw clockwise. Stop turning the screw as soon as the tape is ejected. Otherwise, the mechanism may be damaged.
- After the tape is ejected, the cassette holder will not be locked even when it is closed. Be sure to turn the power off and turn it back on to reset the mechanism's operation, and then close the cassette holder.
- A clicking sound will be heard while the EMERGENCY screw is been turning: this sound is made by the reel drive operation. Therefore it isn't indication of a malfunction.

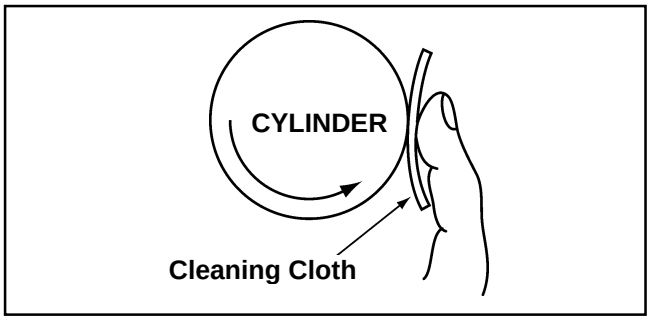


7. Cleaning Method

Note: Turn the power OFF during cleaning.
Make sure the power is OFF before cleaning. Use ethanol (more than 99% purity) as cleaning liquid.

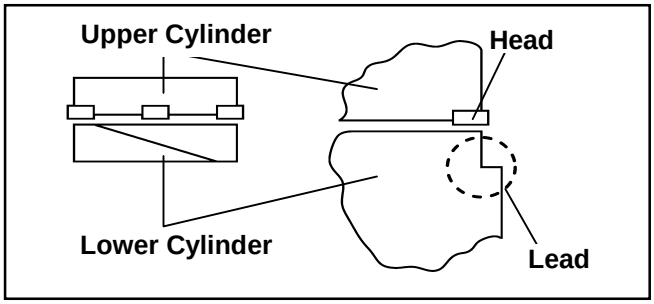
7-1. Cylinder Head Cleaning Method: (Daily)

Clean heads by applying even pressure and rotating cylinder a few times. Never wipe in up and down motion. Never touch a cylinder by bare hand. At first wipe with a cloth dipped in cleaning liquid. Then wipe with dry cloth.



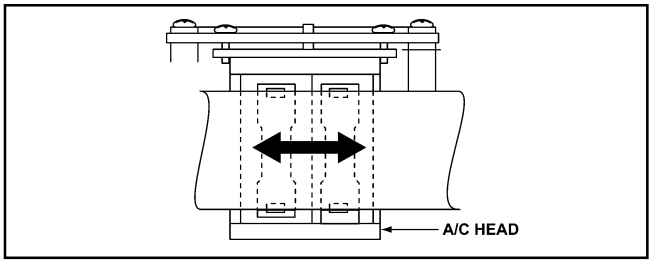
7-2. Cylinder Lead Cleaning Method: (Weekly)

Don't touch a head chip. Clean the drum lead with a pick.



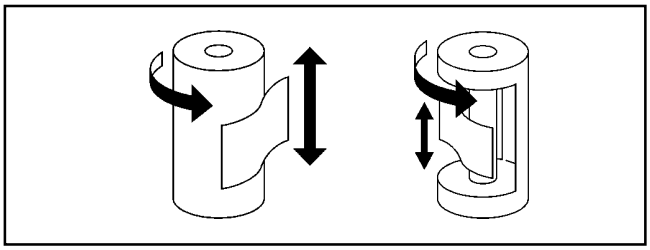
7-3. A/C Head Cleaning Method: (Weekly)

Wipe the A/C head with a cloth dipped in cleaning liquid. Wipe again with a dry cloth.



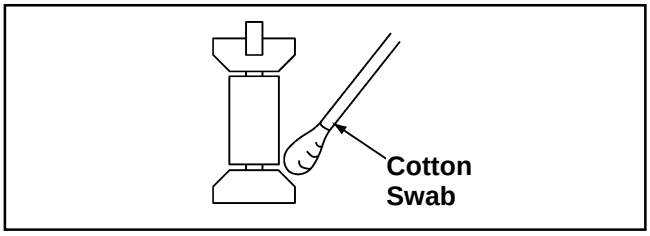
7-4. Pinch Roller and Capstan Shaft Cleaning Method: (Weekly)

Wipe the Pinch Roller and Capstan with a cloth dipped in cleaning liquid.



7-5. Post Cleaning Method: (Weekly)

Wind a cloth on a pick. Wipe each posts with that pick. Wipe again with a dry cloth. For metal posts wipe with a cloth dipped in cleaning liquid. Then wipe it again with dry cloth.

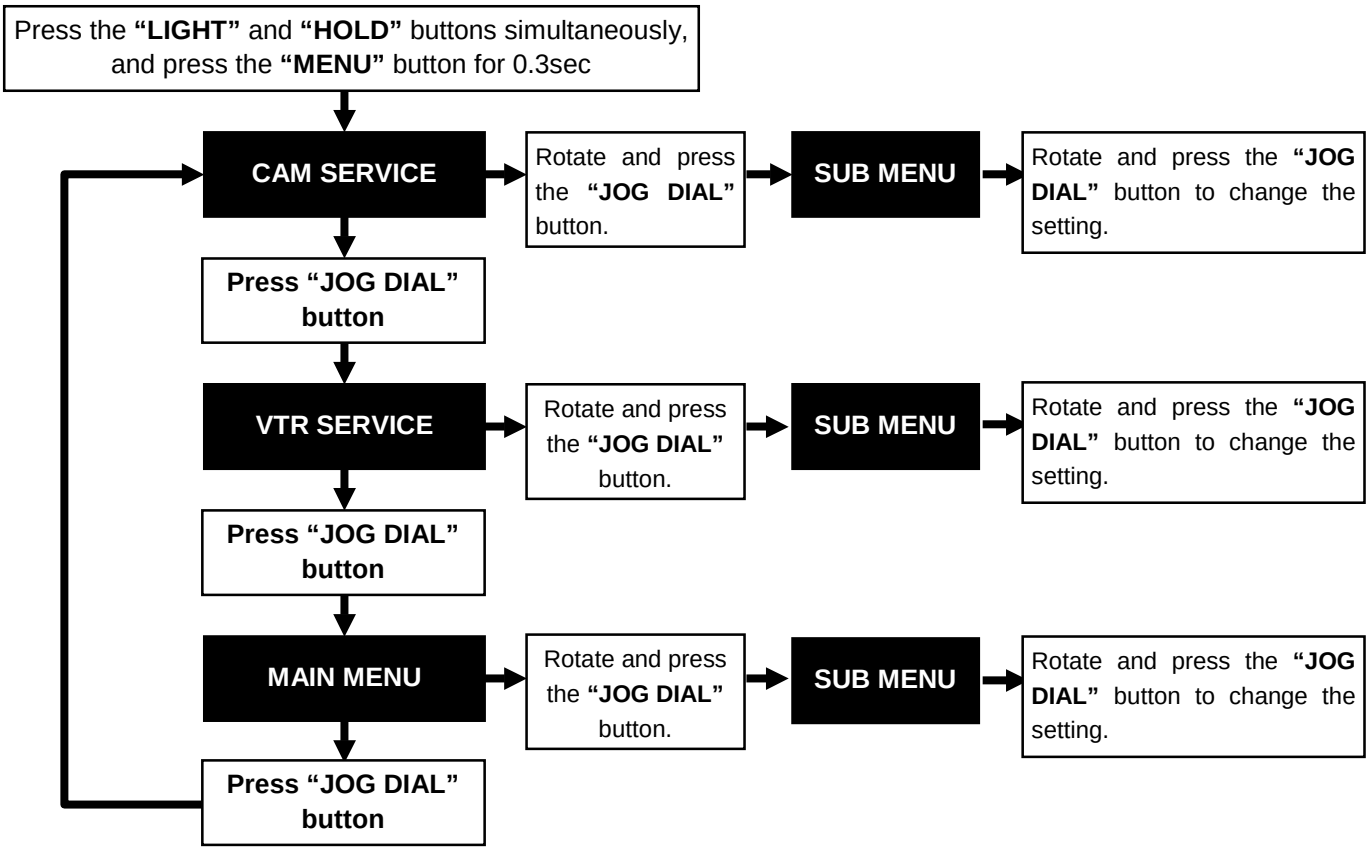


Notes :
Use the clean cloth for cleaning purpose. Do not use any dirty cloth.
The cleaning cloth can be ordered as spare parts.
The part number is indicated as below.
CLEANING CLOTH : VZZ0095

8. Basic Setting Menu Operations

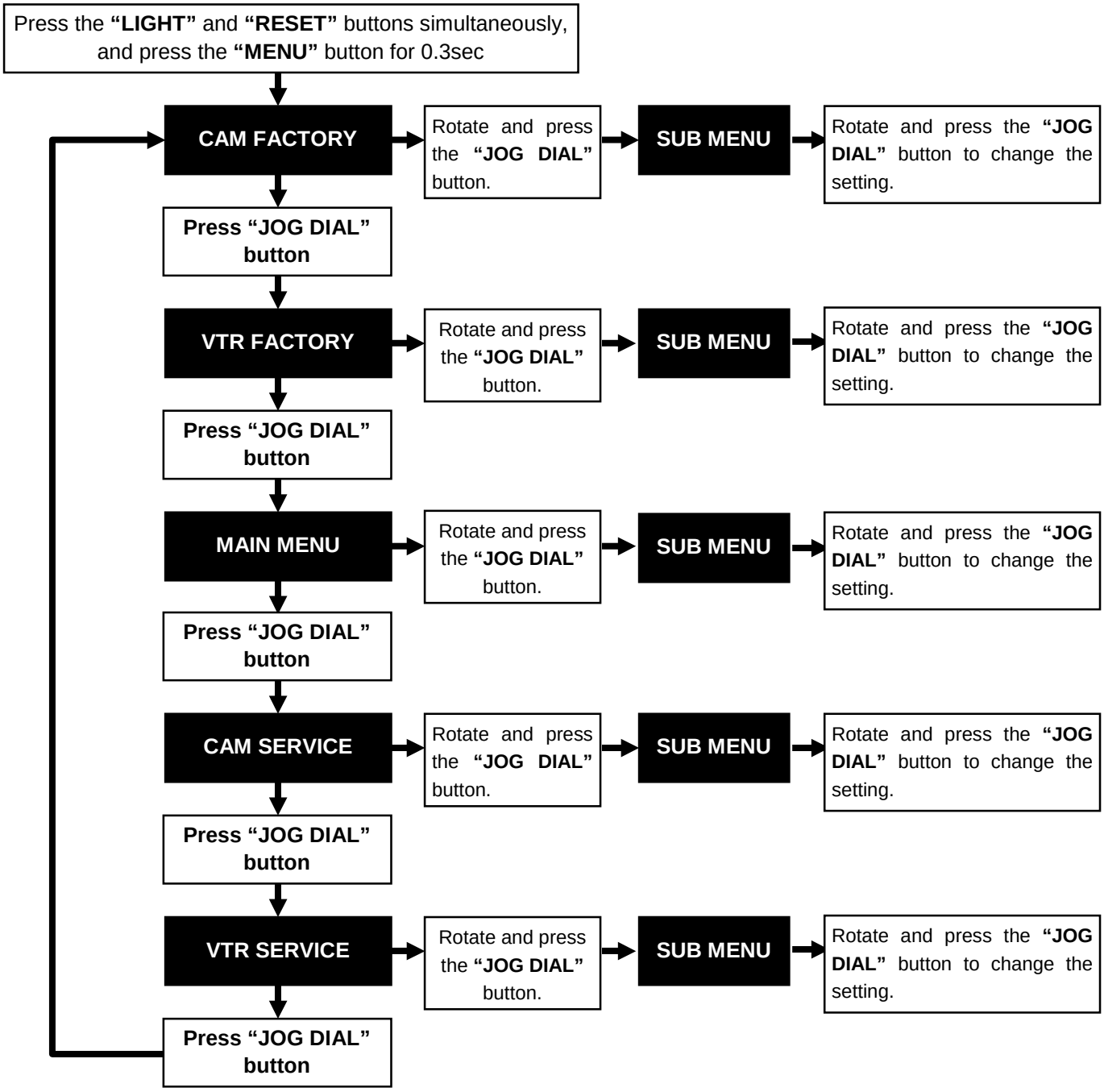
8-1. Service Menu Operation

1. Press the **"LIGHT"** and **"HOLD"** buttons at upside of the LCD panel simultaneously and press the **"MENU"** button for 0.3sec, and then ***CAM SERVICE / VTR SERVICE / MAIN MENU*** screen is displayed.
2. Rotate the **"JOG DIAL"** button to select the SUB MENU. And then press **"JOG DIAL"** button to open the selected SUB menu.
3. Rotate the **"JOG DIAL"** button to select the item (Move the arrow character top to bottom). And then press **"JOG DIAL"** button so that the setting data is blinking.
4. Rotate the **"JOG DIAL"** button to change the setting. Then press again the **"JOG DIAL"** button to set the setting.



8-2. Factory Menu Operation

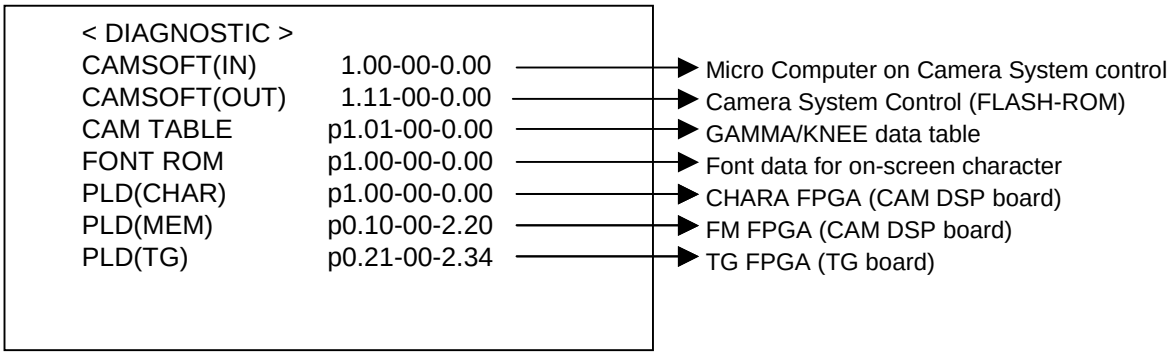
1. Press the **"LIGHT"** and **"RESET"** buttons at upside of the LCD panel simultaneously and press the **"MENU"** button for 0.3sec, and then ***CAM FACTORY / VTR FACTORY / MAIN MENU / CAM SERVICE / VTR SERVICE*** menu screen is displayed.
2. Rotate the **"JOG DIAL"** button to select the SUB MENU. And then press **"JOG DIAL"** button to open the selected SUB menu.
3. Rotate the **"JOG DIAL"** button to select the item (Move the arrow character top to bottom). And then press **"JOG DIAL"** button so that the setting data is blinking.
4. Rotate the **"JOG DIAL"** button to change the setting. Then press again the **"JOG DIAL"** button to set the setting.



9. DIAG-MENU Display

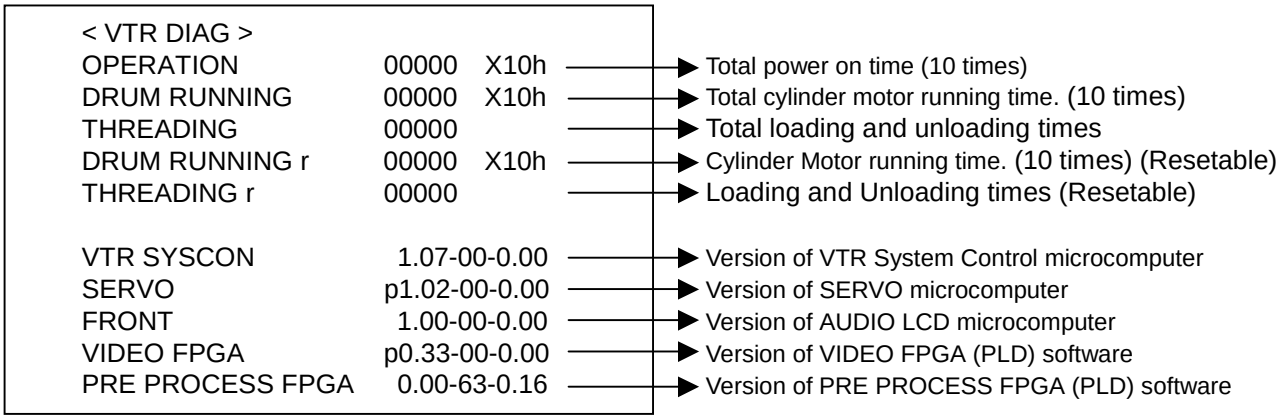
9-1. Version Display Operation for CAMERA software

1. Hold down the **"MENU"** button for 3 second or more to open the MAIN menu.
2. Select the **"MAINTENANCE"** and press the **"JOG DIAL"** button to open this page.
3. Select **"DIAGNOSTIC"** and press the **"JOG DIAL"** button to open this page.



9-2. Version Display Operation for VTR software and Hour Meter Display

1. Hold down the **"MENU"** button for 3 second or more to open the MAIN menu.
2. Select the **"VTR MENU"** and press the **"JOG DIAL"** button to open this page.
3. Select **"VTR DIAG"** and press the **"JOG DIAL"** button to open this page.

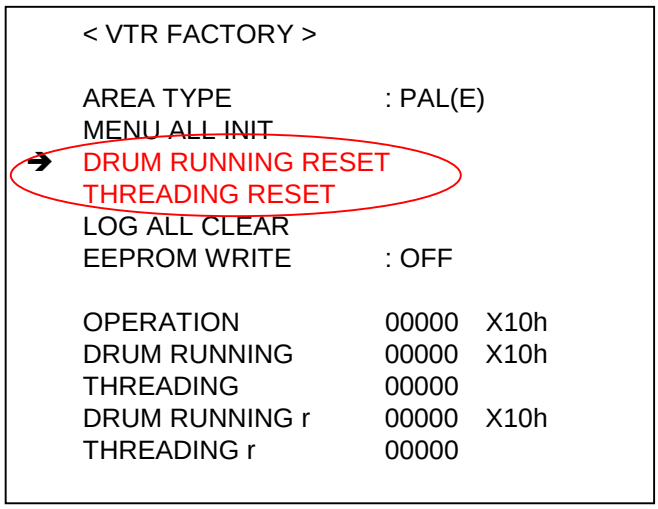


9-3. How to Reset Hour Meter

DIAGNOSTIC screen displays operating condition and software version as mentioned on Operating Instructions. Drum Running Hours and Threading Times can be reset by VTR FACTORY menu.

< How to reset >

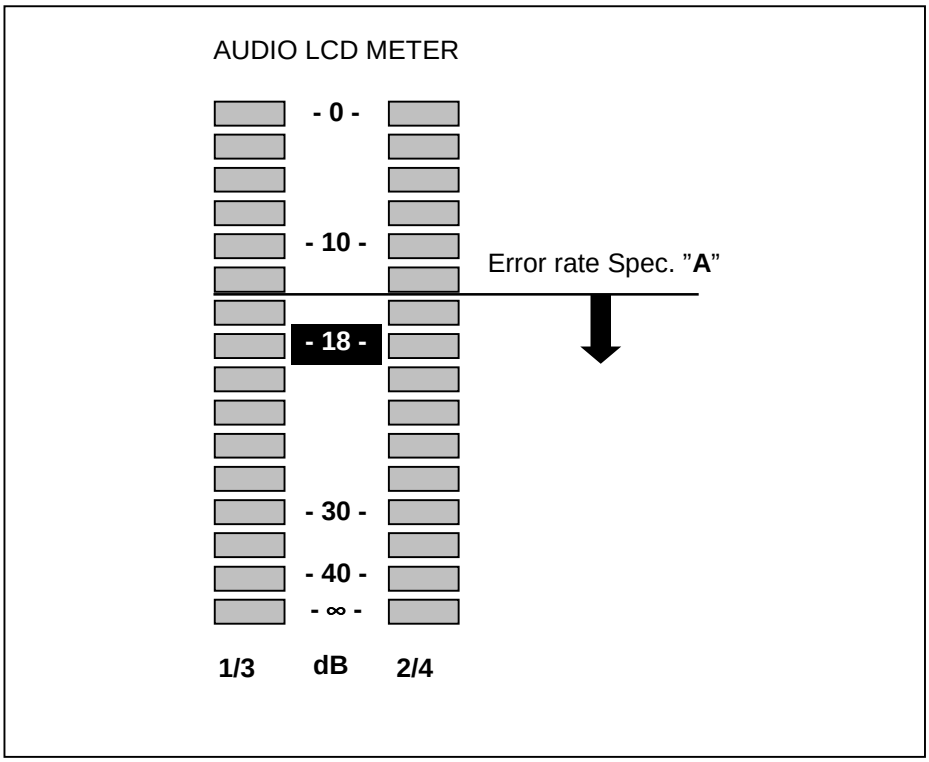
1. Press the **"LIGHT"** and **"RESET"** buttons at upside of the LCD panel simultaneously and press the **"MENU"** button for 0.3sec, and then ***CAM FACTORY / VTR FACTORY / MAIN MENU / CAM SERVICE / VTR SERVICE*** menu screen is displayed.
2. Press the **"JOG DIAL"** button to select the **VTR FACTORY MENU**.
3. Rotate the **"JOG DIAL"** button to select the **VTR FACTORY** (Move the arrow character). And then press **"JOG DIAL"** button.
4. Rotate the **"JOG DIAL"** button to select the **DRUM RUNNING RESET** or **THREADING RESET**.
5. Press the **"JOG DIAL"** button. Then **YES/NO** message is appeared.
6. Select **YES** and press **"JOG DIAL"** button to reset the hour meter.



10. Error Rate Display and Confirmation Method

10-1. Error Rate Display Method

1. Push Menu button pushing HOLD button and LIGHT button together so that CAM SERVICE MENU appears on the VF.
2. Push JOG SW so that VTR service MENU appears on the VF.
3. Select VTR SERVICE 1/3 rotating JOG SW.
4. Push JOG SW so that VTR SERVICE 1/3 Menu appears on the VF.
5. Confirm **"BER SPEED"** setting is **"SLOW"**.
6. Select **"BER ADJ"** rotating JOG SW.
7. Push JOG SW to change the BER ADJ MODE.
8. Change **"BER ADJ"** to L1L2.
9. Playback the Alignment Color bar tape so that the Error rate of L1L2 is displayed on the AUDIO LCD.
10. Change **"BER ADJ"** to R1R2 so that the Error rate of R1R2 is displayed.



11. Software Version Upgrade Method

1. MICROCOMPUTER (FLASH) / PLD CHART

Circuit board name	Name	Connector/ SW Pos.	Maker	Reference
CAM DSP	CAM SOFT (IN)		HItachi	<SOFTWARE VERSION DISPLAY METHOD> 1) PUSH Menu SW longer than 3 sec. so that Main Menu appears on the VF. 2) Execute following steps so that software version of CAMERA can be displayed. MAIN MENU → MAINTENANCE → DIAGNOSTIC
	CAM SOFT (OUT)	9P / No.1	Fujitsu	
	CAM TABLE	9P / No.1	Fujitsu	
	FONT ROM	9P / No.1	Fujitsu	
	PLD (CHAR) : CHAR FPGA	On board	Actel	
	PLD (MEM) : FM FPGA	8P / No.E	ALTERA	
PULSE	PLD (TG) : PULSE PLD	On board	ALTERA	
ECC SYS	VTR SYSCON	9P / No.5	Mitsubishi	<SOFTWARE VERSION DISPLAY METHOD> 1) PUSH Menu SW longer than 3 sec. so that Main Menu appears on the VF. 2) Execute following steps so that software version of VTR can be displayed. MAIN MENU → VTR MENU → VTR DIAG
SERVO	SERVO	9P / No.3	Matsushita	
Audio LCD	FRONT (LCD)	9P / No.7	Mitsubishi	
ECC SYS	VIDEO FPGA (PREREC)	8P / No.F	ALTERA	
VTR CODEC	PREPROCESS FPGA		Actel	

: These are not required for version upgrade.

2. Connection

Open the left side panel. There are an RS-232C port, an 8pin-PLD connector and a rotary switch. Choose an appropriate terminal and setting of the rotary switch according to each description.

3. Rotary switch setting

0: Default (Operation mode)
1: Write Camera u-com
2: Communicate with Camera u-com
3: Write Servo u-com
4: Communicate with Servo u-com
5: Write VTR u-com
6: Communicate with VTR u-com
7: Write AUDIO/LCD u-com
8: Communicate with AUDIO/LCD u-com (1)
9: Communicate with AUDIO/LCD u-com (2)
A: Communicate with AUDIO/LCD u-com (3)
E: Write Camera FPGA
F: Write VTR FPGA

4. Software version-up procedure

<CAM SOFT (OUT)>

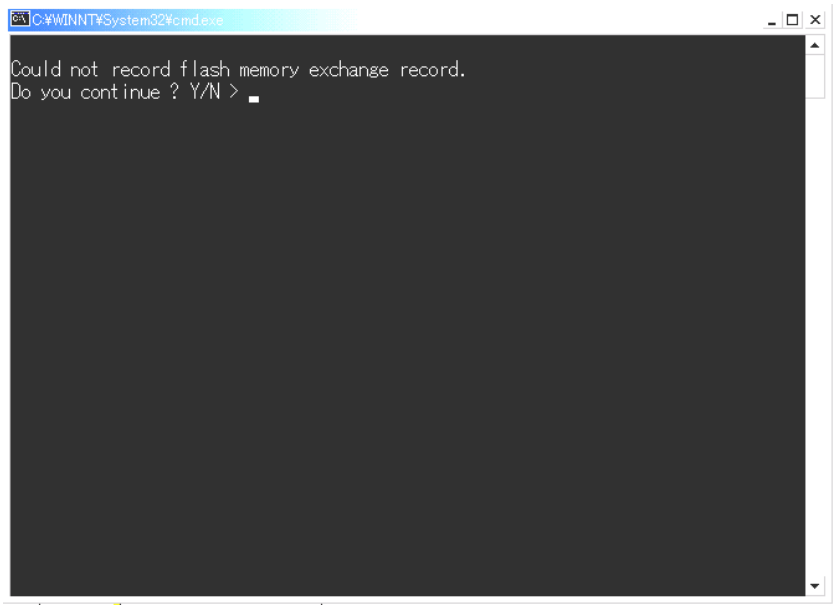
1. Connect a PC and AJ-SDX900 with an RS-232C cross cable (9P-9P).
2. Set the rotary switch to **1 position**.
3. Turn on both PC and AJ-SDX900.
4. Execute 'K96_Cam_W.bat' so that version-up program starts.
5. Erase, Write and Verify are automatically performed.
6. If a communication error occurs, check the rotary switch setting and the power on both PC and Camcorder.
7. When it is completed, press any key to quit the program.
8. Turn off the PC and Camcorder.
9. Remove the RS-232C cable and return the rotary switch to 0 position.

<CAM TABLE>

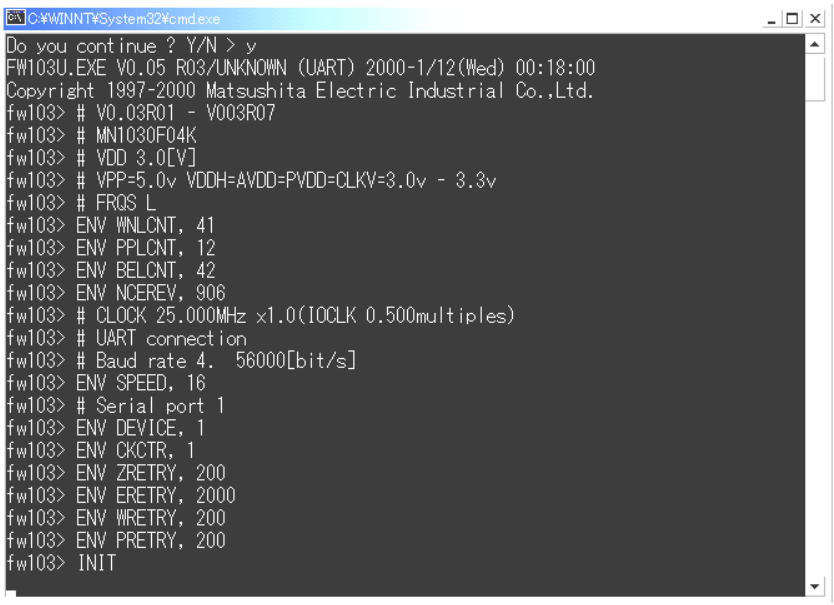
1. Connect a PC and AJ-SDX900 with an RS-232C cross cable (9P-9P).
2. Set the rotary switch to **1 position**.
3. Turn on both PC and AJ-SDX900.
4. Execute ‘Tbl_all.bat’, and version-up program starts.
5. ”Alc_tbl”, “VGAMGAIN”, “VGAMRAM”, “MISCTBL”, “Awaltbl” and “Fonttbl” programs are automatically updated. Erase, Write and Verify are performed on each program.
6. If a communication error occurs, check the rotary switch setting and the power on both PC and Camcorder.
7. When it is completed, quit the program.

<SERVO>

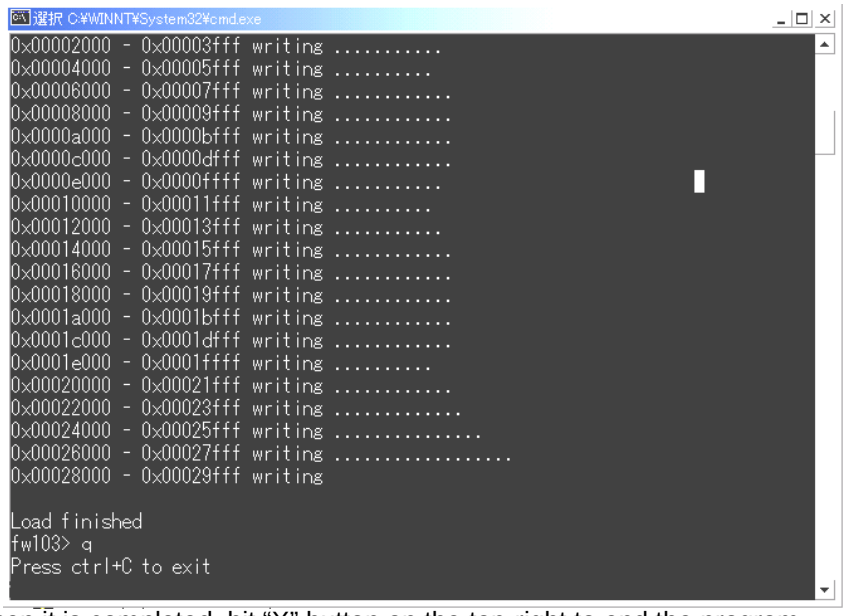
1. Connect a PC and AJ-SDX900 with an RS-232C cross cable (9P-9P).
2. Set the rotary switch to **3 position**.
3. Turn on both PC and AJ-SDX900.
4. Execute ‘vsi4001f.bat’ so that version-up program starts. E-38(SLACK) appears on LCD flashing the warning on the AJ-SDX900, because the communication between SERVO u-com and SYSCON is not established when the rotary switch is set to 3 position.



5. Press ‘Y’, and then ‘ENTER’ key.



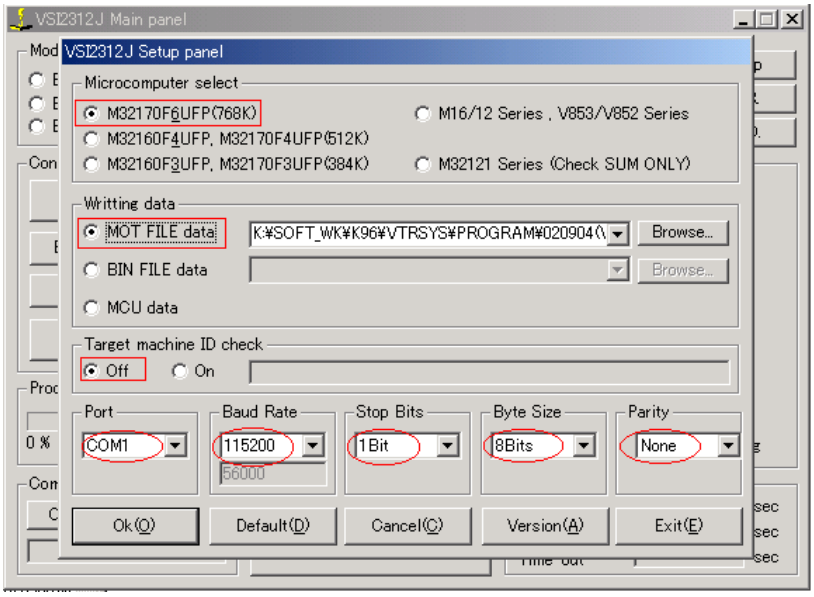
6. Version-up proceeds until ‘INIT’ line comes, even though communication error occurs. If a communication error occurs, the version-up is interrupted after “fw103>INIT” is displayed. In this case check the rotary switch setting and turn off and on both PC and Camcorder.



7. When it is completed, hit “X” button on the top-right to end the program.
8. Turn off and on the camcorder in order to restart it.
9. Confirm that the software is updated.

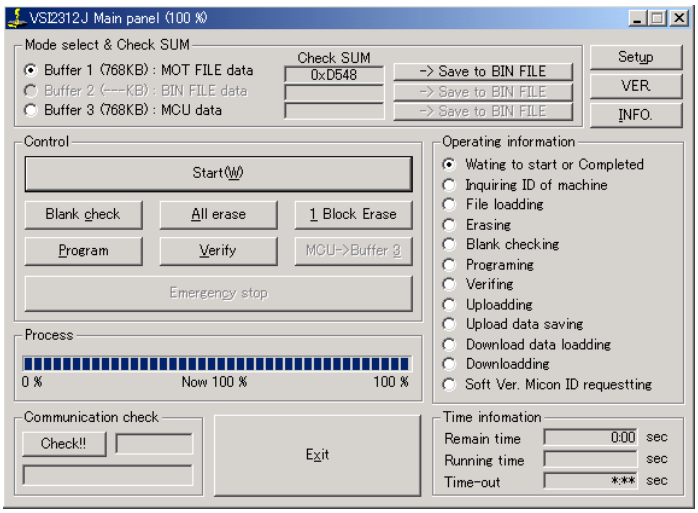
<VTR SYSCON>

1. Connect a PC and AJ-SDX900 with an RS-232C cross cable (9P-9P).
2. Set the rotary switch to **5 position**.
3. Turn on both PC and AJ-SDX900.
4. Execute ‘vsi2312J.exe’, and version-up program starts.

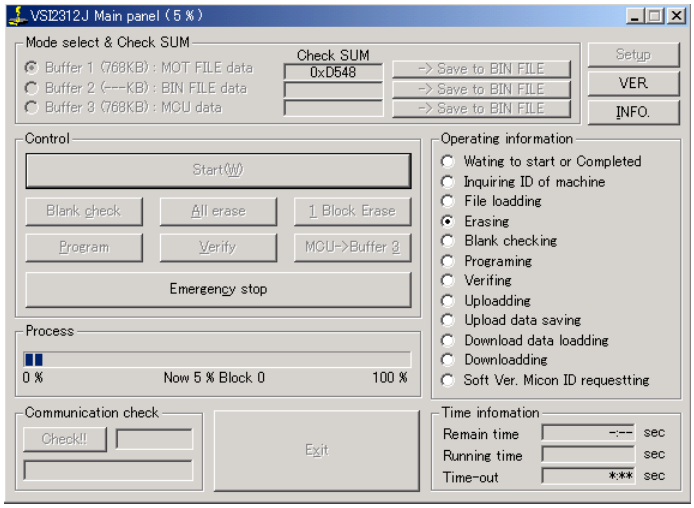


5. Click ‘Browse…’ button and choose a target file.
6. Set other parameters marked with red as shown in the above figure. And click ‘Ok(O)’.

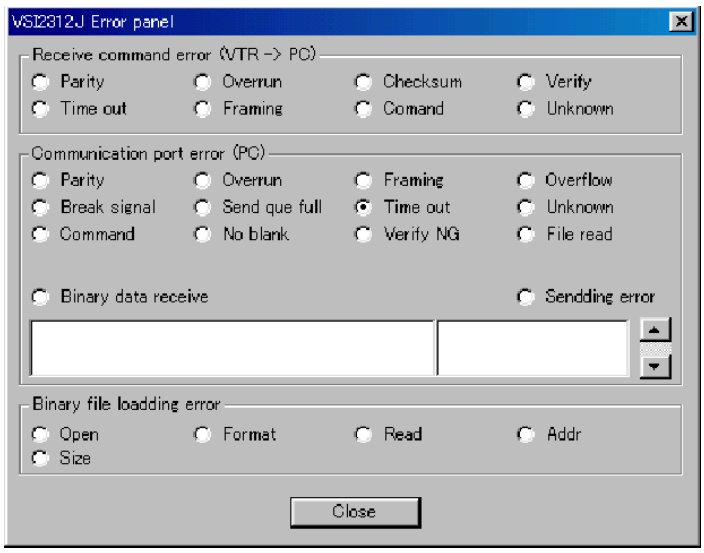
7. Wait for loading data until the process indicator reaches 100%.



8. Click ‘Start(W)’, and version-up starts.



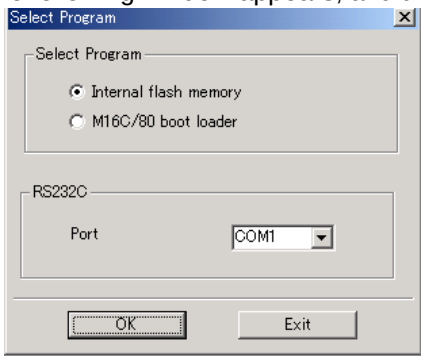
9. Version-up is completed when the process indicator reaches 100%. ‘Operating information’ shows “Waiting to start or completed” when version-up is completed.
10. Push ‘EXIT’ button to end the program.
11. If an error occurs, the window below appears. In this case, check the setting of the rotary switch, connection and the power on both PC and Camcorder. Then, repeat from step 3.



12. Turn off and on the camcorder in order to restart it.
13. Confirm that the software version is updated.

<FRONT (LCD)>

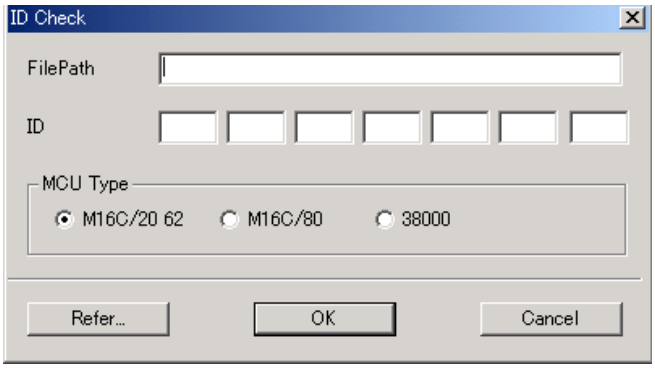
1. Connect a PC and AJ-SDX900 with an RS-232C cross cable (9P-9P).
2. Set the rotary switch to **7 position**.
3. Turn on both PC and AJ-SDX900.
4. Execute ‘FlashSta.exe’, and version-up program starts.
5. The following window appears, and then clicks ‘OK’.



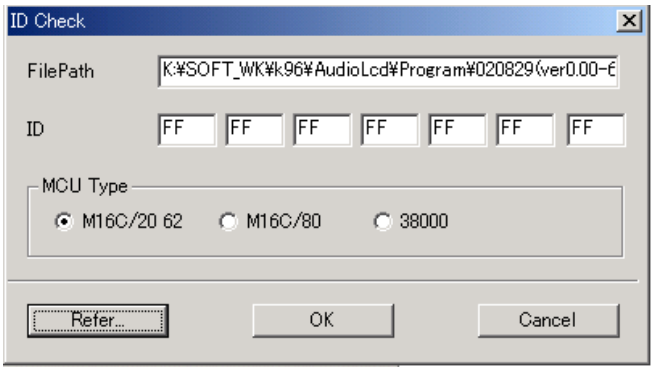
6. If a communication error occurs, check the rotary switch setting and the power on both PC and Camcorder.



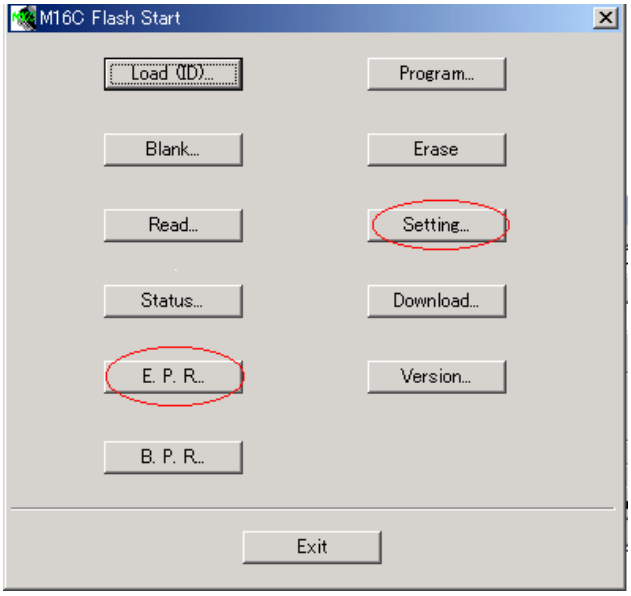
7. When communication is established, ID CHECK window appears. Click ‘Refer…’ and choose a file to be loaded.



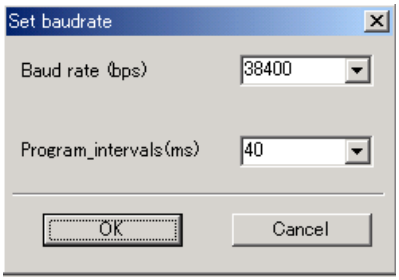
8. When FilePath and ID are shown, click ‘OK’.



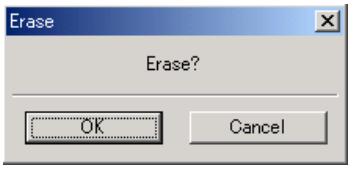
9. In the ‘M16C Flash Start’ window, click ‘Setting…’



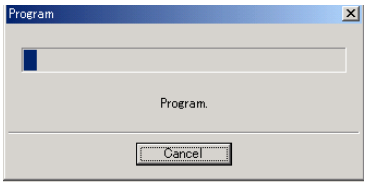
10. Change Baud Rate to 38400. Once a communication error occurs, the setting will be cancelled.

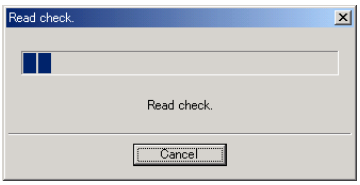


11. Click ‘E.P.R.’ to start ERASE, PROGRAM and READ.
12. Click ‘OK’ when asked ‘Erase?’.



13. Indicators show the progress while proceeding.



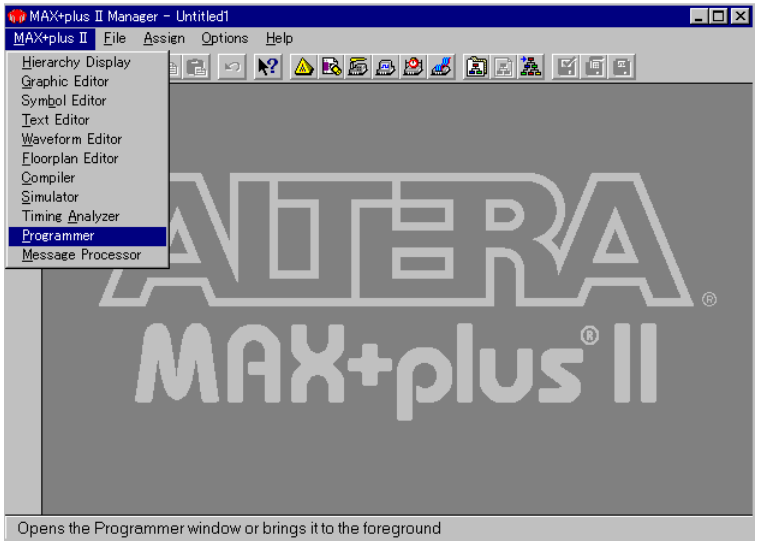


14.When completed, click ‘OK’.

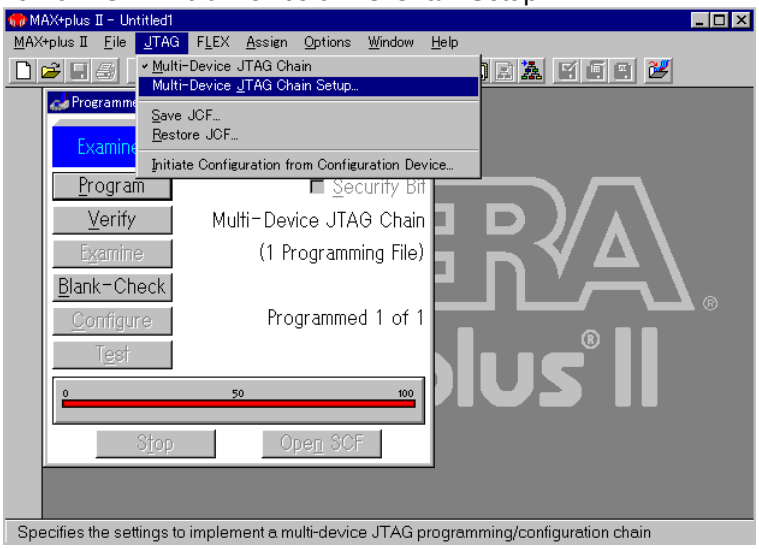


<PLD (MEM) : FM FPGA>

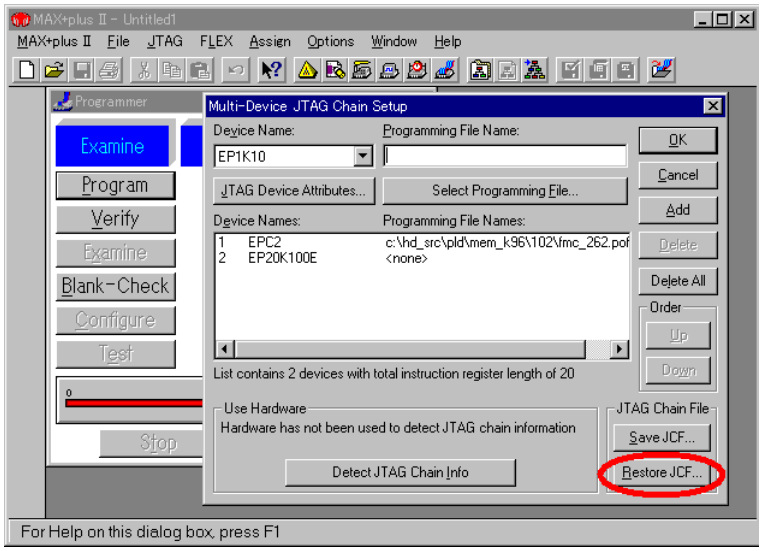
1. Connect a PC, CPLD writer (VFK1590 / ALTERA P2) and AJ-SDX900 (8P connector).
2. Set the rotary switch to **E position**.
3. Turn on both PC and AJ-SDX900.
4. Execute MAX+plus2 programmer.
5. Click ‘MAX+plus2’ – ‘Programmer’.



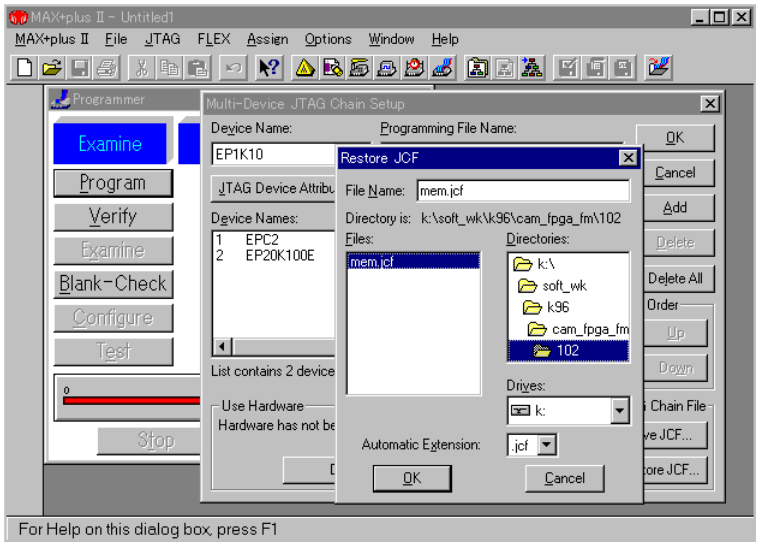
6. Click ‘JTAG’ – ‘Multi-Device JTAG Chain Setup…’.



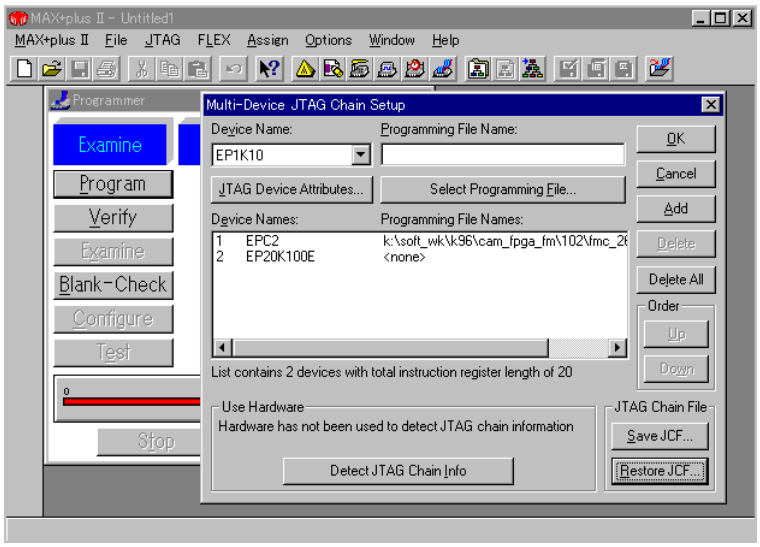
7. Click ‘Restore JCF ..’.



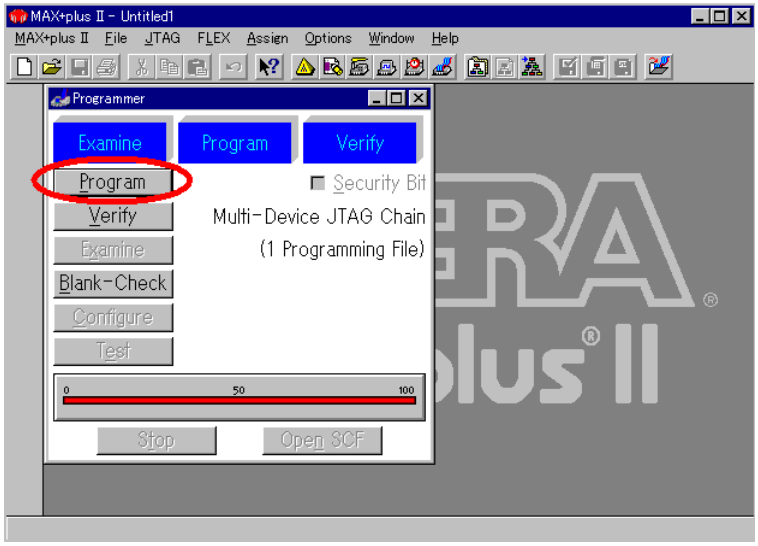
8. Open a target folder and select ‘mem.jcf’ file. And click ‘OK’.



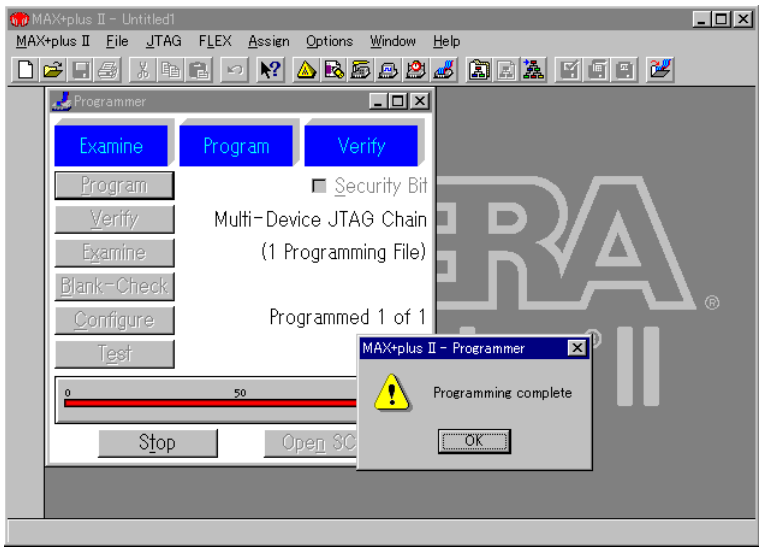
9. Click ‘OK’.



10. Click ‘Program’.



11. When ‘Programming complete’ message appears’, click ‘OK’.



12. If an error occurs, check the rotary switch setting and the power on both PC and Camcorder.

<VIDEO FPGA (PREREC)>

Follow the Camera FPGA procedure with the rotary switch **setting F**.

<PLD (TG) : PULSE PLD>

Connect an 8pin-cable directly to the connector on PULSE board and follow the Camera FPGA procedure.

12. White Blemish Compensation

Features

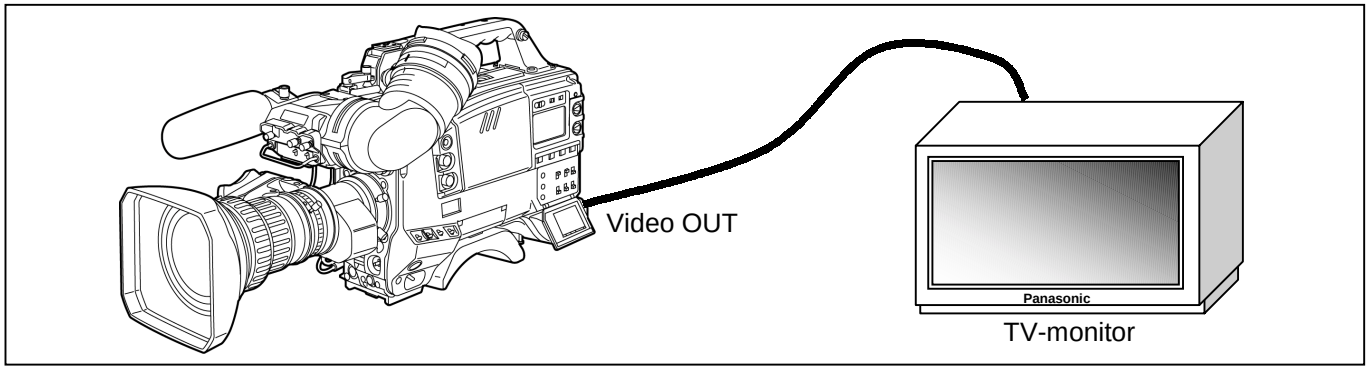
a) Possible to compensate each color signal individually (R, G, B and Y). (Total amount : 256 points)
b) It is possible to compensate blemish without extra equipment (PC, Service fixtures etc.).
c) Automatic blemish compensation function. Also it is possible to manual compensate.

12-1. Preparation

1. Need about 2-hours aging before start an adjustment.
2. Set WHITE BAL SW to "PRST (Preset)".
3. Set "DS GAIN" to OFF and GAIN SW to "H" (18dB).
4. Close the Lens iris.

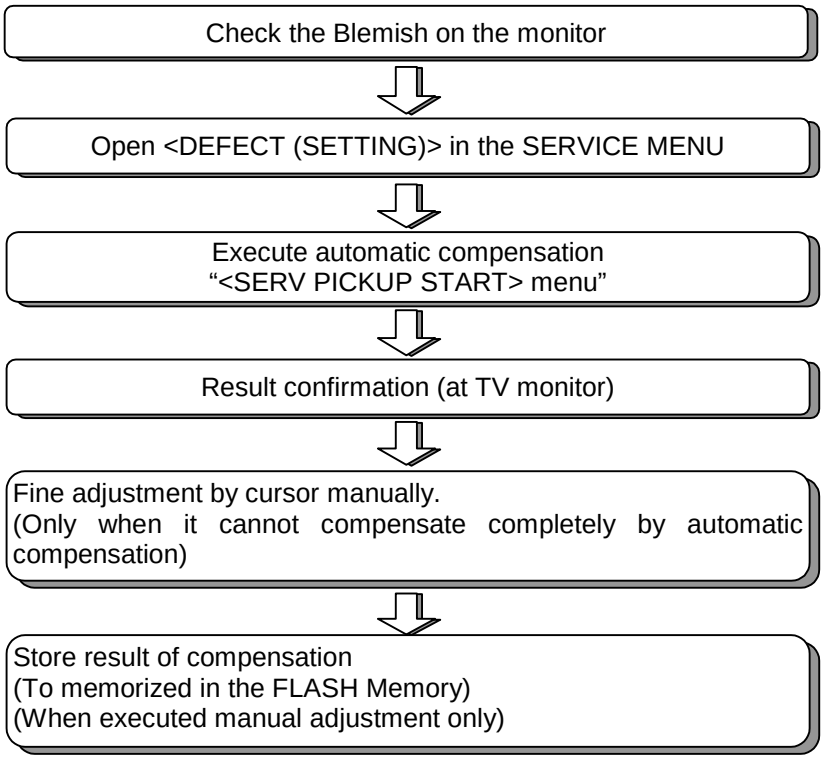
12-2. Connection

Connect the VIDEO OUT terminal of the camcorder and the TV-monitor. (With 75-ohm termination.)



12-3. Blemish Compensation flow

This machine has Automatic blemish compensation function.
Blemish compensation is executed automatically when ABB is executed in the normal (user) operation.
(Start ABB functions first and goes on to compensate the blemish.)
For the service operation, first, execute the automatic compensation. After that, if some blemish still appear, compensate by manually.
The procedure of compensation for the service is shown below.



12-4. Blemish Compensation Procedures

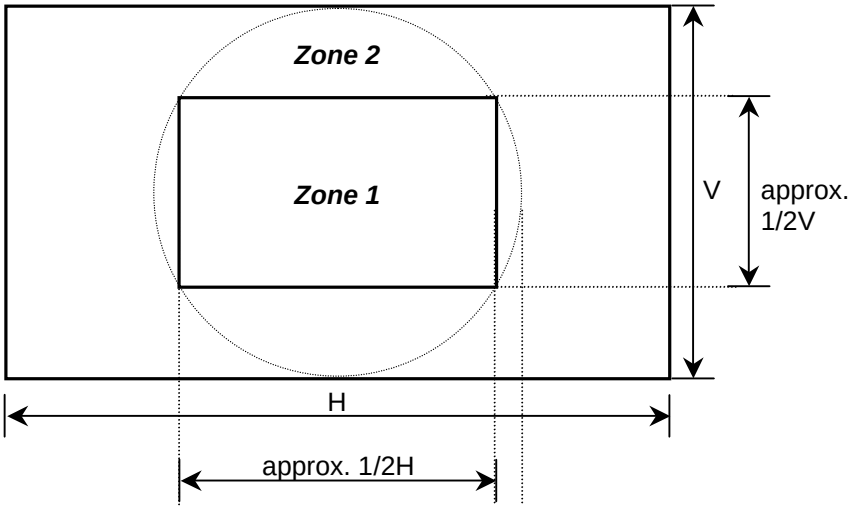
12-4-1. Blemish confirmation

Please confirm whether all blemishes were compensated with this status display by viewing the TV-monitor. As the standard of a confirmation, Blemish compensation specification is shown below.

Observation environment

Measurement part	SDI OUT connector
Circumstance temperature	77°F (25°C)
Camera mode	50i
GAIN setting	+18dB
AWB SW setting	PRST (PRESET)
SETUP level	0%

Specification

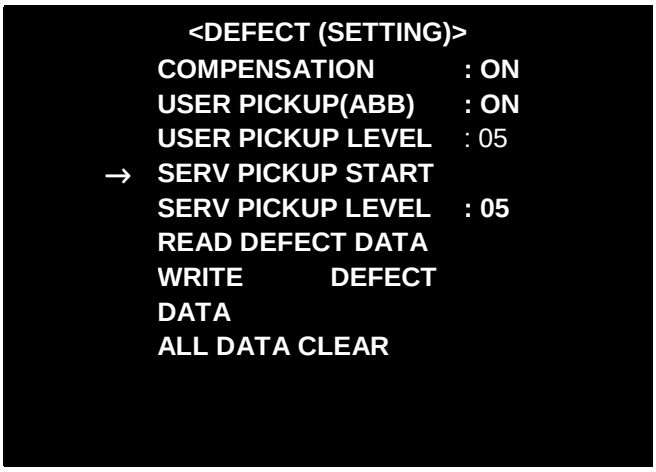


Contrast ratio*1	Zone 1	Zone 2
0% - 7%	No count	No count
7% - 11%	less than 2	less than 2
11% - 13%	0	less than 2
13% or more	0	0

*1 Contrast ratio: Compared with white portion of the internal color bars signal is full (100%).

12-4-2. Execution of Automatic compensation (DEFECT (SETTING) page)

1. Open the “<DEFECT (SETTING)>"page in SERVICE menu.



DEFECT (SETTING) page

2. Confirm or set “SERV PICKUP LEVEL” item to "05". (Compensation works in the gain beyond the value set up in this item.)

3. Select the “SERV PICKUP START” and push JOG dial. Clear the all Menu character and appear the following message on the lower left side of the screen.



4. Select "YES" and push JOG DIAL again to start the automatic compensation. And while executing automatic compensation, blink “PICKUP ACTIVE” character on the lower left of the screen. (It takes about 10 seconds). When “OK” character appears in the place of “PICKUP”, automatic compensation is completed.
   <Note>
   The automatic compensation is operated in the following mode. There are 2 steps.
   1st Step : GAIN at 0dB and DS GAIN at +12dB.
   2nd Step : GAIN at +6dB and DS GAIN at +12dB.

5. Close menu screens and confirm the blemish is all compensated or not. If still appear some point, change "SERV PICKUP LEVEL" setting to lower level (04,03,02 or 01), then start again "SERV PICKUP START".
6. If automatic compensation can not detect the all blemish, continue to next step "Manual Compensation".

<Remark>
Automatic detection level is as follows.

Value of the menu	R/G ch	B ch
20	20%	27%
15	15%	21%
10	10%	16%
5	5%	7%

Gamma : 0.45
Gain : User=0dB/SERV=+6dB
AWB : Pre (PRESET)
ROP : All off

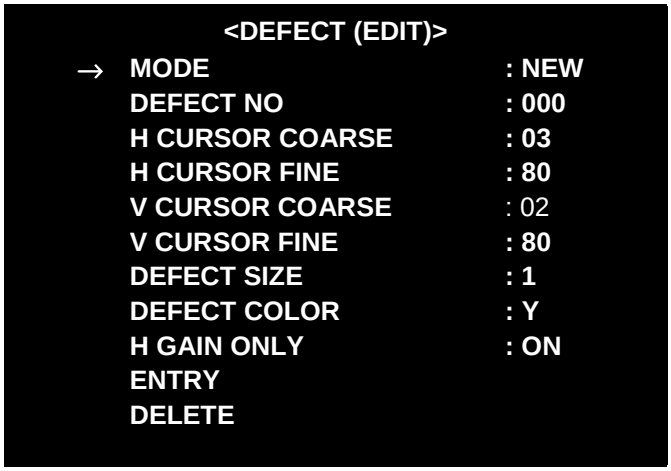
12-4-3. Manual compensation procedure

In case it couldn't compensate all blemishes in automatic compensation, it is also possible to perform blemish compensation manually by using cursor. Following shows concrete manual compensation procedures by the case required.

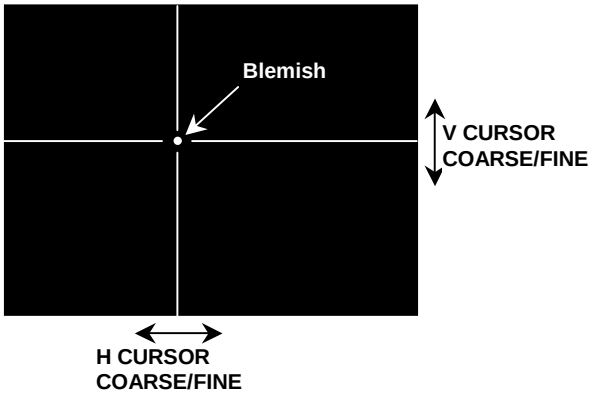
I) Manual compensation for position which was not detected automatically

1. Close LENS iris and open the "<DEFECT (EDIT)>" page in SERVICE menu.
2. Select "MODE" item and set it from "EDIT" to "NEW".
   (No need to decide "DEFECT NO.". DEFECT NO. is automatically set by CAMSYS CPU.)
3. Set following item.

DEFECT NO	:	000
SIZE	:	1
COLOR	:	Y
H GAIN ONLY	:	ON



ENTRY (EDIT) page



4. Observe TV-monitor and then adjust "H CURSOR COARSE and FINE" item so that the H cursor position move to target blemish.
5. Observe TV-monitor and then adjust "V CURSOR COARSE and FINE" item so that the V cursor position move to target blemish. Then disappear the blemish automatically.
6. Confirm the "DEFECT SIZE" "DEFECT COLOR" and "H GAIN ONLY" as follows.
   <DEFECT SIZE>
   CASE 1:
   If the blemish is disappeared by left side half, change this setting to "2" or "3". Then confirm again.
   CASE 2:
   If the blemish is disappeared by right side half, move the "H cursor" to the left 1 or 2 click by JOG dial. And change this setting to "2" or "3". Then confirm again.
   <DEFECT COLOR>
   If the blemish is disappeared while change this setting from Y to R, G or B, set it to the color which blemish is disappeared.
   <H GAIN ONLY>
   When set to ON, blemish compensation is working only high gain mode. (more than +9dB setting)
   If blemish is appeared in the -3dB to 6dB, change this setting to "OFF"
7. Select "ENTRY" item, and push JOG Dial. Then Select "YES" and push JOG DIAL again.
8. When "ENTRY" character appears on the lower left of the screen, data store will be completed.
9. Close menu screen and then turn off the power of the Unit.

12-5. Remarks

12-5-1. Backup the blemish compensation data

1. Open “<DEFECT (SETTING)>” page in SERVICE level.
2. Select “WRITE DEFECT DATA” item, and push JOG DIAL.
3. Appear “WRITE?” "YES/NO" message, then select "YES" and push JOG DIAL.
4. When “WRITE OK” character appears on the lower left of the screen, blemish data will be memorized.
5. Close the menu and then turn off the power of the Unit

12-5-2. Restore the blemish compensation data

1. Open “<DEFECT (SETTING)>” page in SERVICE level.
2. Select “READ DEFECT DATA” item, and push JOG DIAL.
3. Appear “READ?” "YES/NO" message, then select "YES" and push JOG DIAL.
4. When “READ OK” character appears on the lower left of the screen, Backup blemish data which is memorized by "WRITE DEFCT DATA", will be stored.
5. Close the menu and then turn off the power of the Unit

12-5-3. Delete all cursor position data (Blemish data)

1. Open “<DEFECT (SETTING)>” page in SERVICE level.
2. Select “ALL DATA CLEAR” item, and push JOG DIAL.
3. Appear “CLEAR?” "YES/NO" message, then select "YES" and push JOG DIAL.
4. When “CLEAR OK” character appears on the lower left of the screen, all blemish data will be deleted.
5. Close the menu and then turn off the power of the Unit

12-5-4. Delete registered data one by one

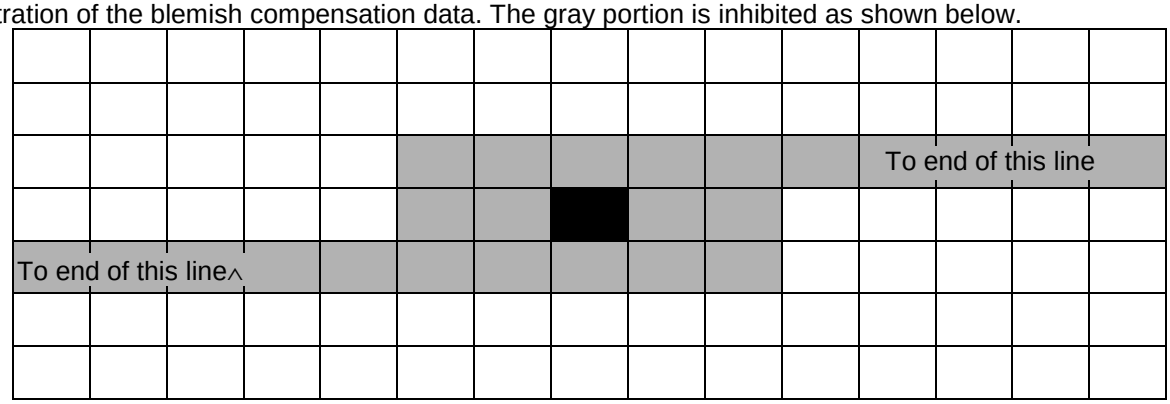
1. Open “<DEFECT (EDIT)>” page in SERVICE level.
2. Select “DEFECT NO.” to desired position of cursor.
3. Select “DELETE” item, and push JOG DIAL.
4. Appear “DELETE?” "YES/NO" message, then select "YES" and push JOG DIAL.
5. When “DELETE OK” character appears on the lower left of the screen, One blemish data will be deleted.
6. Close menu screen and then turn off the power of the Unit.

12-5-5. Change Parameter about blemish compensation

1. Open “<DEFECT (EDIT)>” page in SERVICE level.
2. Select “DEFECT NO.” to desired position of cursor.
3. Change some parameters in “<DEFECT (EDIT)>” page (DEFECT COLOR, DEFECT SIZE etc.).
4. Select “ENTRY” item, and push JOG DIAL.
5. Appear “ENTRY?” "YES/NO" message, then select "YES" and push JOG DIAL.
6. When “ENTRY” character appears on the lower right of the screen, data change will be completed.
7. Close menu screen and then turn off the power of the Unit.

12-5-6. About the position inhibited to register the compensation data

Depending on the position for the blemish compensation, blemish compensation doesn’t work properly. In that case, it displays “NO ENTRY” on the lower left position on the screen when execute "ENTRY" and inhibit registration of the blemish compensation data. The gray portion is inhibited as shown below.



The position inhibited to register the compensation data

: Registered blemish compensation position

: Registration inhibited position

13. Circuit Board Layout

